Package ‘tvthemes’

December 14, 2020

Type Package

Title TV Show Themes and Color Palettes for 'ggplot2' Graphics

Version 1.1.1

Maintainer Ryo Nakagawara <ryonakagawara@gmail.com>

Description Contains various 'ggplot2' themes and color palettes based on TV shows such as 'Game of Thrones', 'Brooklyn Nine-Nine', 'Avatar: The Last Airbender', 'Spongebob Squarepants', and more.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports ggplot2 (>= 3.1.0), extrafont (>= 0.17), scales (>= 1.0.0), magick (>= 2.0), glue (>= 1.3.1), grDevices (>= 3.5.3)

Suggests testthat (>= 2.1.1), gapminder (>= 0.3.0), dplyr (>= 0.8.0.1), spelling (>= 2.0), cowplot (>= 0.9.4), png (>= 0.1-7), stringr, knitr, rmarkdown

URL https://github.com/Ryo-N7/tvthemes

BugReports https://github.com/Ryo-N7/tvthemes/issues

Language en-US

VignetteBuilder knitr

NeedsCompilation no

Author Ryo Nakagawara [aut, cre]

Repository CRAN

Date/Publication 2020-12-14 11:00:03 UTC

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**Description**

Attack On Titan palette
Usage

```r
attackOnTitan_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
```

```r
scale_color_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

```r
scale_colour_attackOn Titan(n, type = "discrete", reverse = FALSE, ...)
```

```r
scale_fill_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

- **n** number of colors
- **type** discrete or continuous
- **reverse** reverse order, Default: FALSE
- **...** Arguments passed on to `ggplot2::discrete_scale`

**aesthetics** The names of the aesthetics that this scale works with.

**scale_name** The name of the scale that should be used for error messages associated with this scale.

**palette** A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., `scales::hue_pal()`).

**name** The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

**breaks** One of:
  - NULL for no breaks
  - waiver() for the default breaks (the scale limits)
  - A character vector of breaks
  - A function that takes the limits as input and returns breaks as output

**labels** One of:
  - NULL for no labels
  - waiver() for the default labels computed by the transformation object
  - A character vector giving labels (must be same length as breaks)
  - A function that takes the limits as input and returns labels as output

**limits** A character vector that defines possible values of the scale and their order.

**expand** For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

**na.translate** Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`. 

If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

*drop* Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

*guide* A function used to create a guide or its name. See `guides()` for more information.

*position* For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

*super* The super class to use for the constructed scale

### Examples

```r
library(scales)
show_col(attackOnTitan_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_attackOnTitan()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_attackOnTitan()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class),
  col = "black", size = 0.1) +
  scale_fill_attackOnTitan()
```

---

### Description

**Avatar: The Last Airbender palette (deprecated)**

Avatar: The Last Airbender palette

### Usage

```r
avatarTLA_pal(
  palette = "FireNation",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)
```
scale_color_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...)

scale_colour_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...)

scale_fill_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...)

**Arguments**

- **palette**: name of palette (FireNation, EarthKingdom, WaterTribe, AirNomads), Default: "FireNation"
- **n**: number of colors
- **type**: discrete or continuous
- **reverse**: reverse order, Default: FALSE
- **...**: Arguments passed on to ggplot2::discrete_scale

**aesthetics** The names of the aesthetics that this scale works with.

**scale_name** The name of the scale that should be used for error messages associated with this scale.

**name** The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

**breaks** One of:
- NULL for no breaks
- waiver() for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output

**labels** One of:
- NULL for no labels
- waiver() for the default labels computed by the transformation object
• A character vector giving labels (must be same length as breaks)
  • A function that takes the breaks as input and returns labels as output

limits A character vector that defines possible values of the scale and their order.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

super The super class to use for the constructed scale

---

### avatar_pal

**Avatar: The Last Airbender palette**

**Description**

Avatar: The Last Airbender palette

**Usage**

```r
avatar_pal(palette = "FireNation", n, type = c("discrete", "continuous"), reverse = FALSE)
```

```r
scale_color_avatar(palette = "FireNation", n, type = "discrete", reverse = FALSE)
```
scale_colour_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

Arguments

palette name of palette (FireNation, EarthKingdom, WaterTribe, AirNomads), Default: "FireNation"
n number of colors
type discrete or continuous
reverse reverse order, Default: FALSE
...
Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.
scale_name The name of the scale that should be used for error messages associated with this scale.
name The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.
breaks One of:
  • NULL for no breaks
  • waiver() for the default breaks (the scale limits)
  • A character vector of breaks
  • A function that takes the limits as input and returns breaks as output
labels One of:
  • NULL for no labels
  • waiver() for the default labels computed by the transformation object
  • A character vector giving labels (must be same length as breaks)
  • A function that takes the breaks as input and returns labels as output
limits A character vector that defines possible values of the scale and their order.
expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

super The super class to use for the constructed scale

Examples

```r
library(scales)
show_col/avatar_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
   group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_avatar()

ggplot(airquality, aes(x = Day, y = Temp,
   group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_avatar()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_avatar()
```

---

**bigHero6_pal**

**Big Hero 6 palette**

**Description**

Big Hero 6 palette
bigHero6_pal

Usage

```r
bigHero6_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_bigHero6(n, type = "discrete", reverse = FALSE, ...)
scale_colour_bigHero6(n, type = "discrete", reverse = FALSE, ...)
scale_fill_bigHero6(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

- `n`: number of colors
- `type`: discrete or continuous
- `reverse`: reverse order, Default: FALSE
- `...`: Arguments passed on to `ggplot2::discrete_scale`

- `aesthetics`: The names of the aesthetics that this scale works with.
- `scale_name`: The name of the scale that should be used for error messages associated with this scale.
- `palette`: A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., `scales::hue_pal()`).
- `name`: The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.
- `breaks`: One of:
  - `NULL` for no breaks
  - `waiver()` for the default breaks (the scale limits)
  - A character vector of breaks
  - A function that takes the limits as input and returns breaks as output
- `labels`: One of:
  - `NULL` for no labels
  - `waiver()` for the default labels computed by the transformation object
  - A character vector giving labels (must be same length as `breaks`)
  - A function that takes the limits as input and returns labels as output
- `limits`: A character vector that defines possible values of the scale and their order.
- `expand`: For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.
- `na.translate`: Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`. 

na.value  If na.translate = TRUE, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.
drop  Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.
guide  A function used to create a guide or its name. See guides() for more information.
position  For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.
super  The super class to use for the constructed scale

Examples

```r
library(scales)
show_col(bigHero6_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
   group = as.factor(Month), color = as.factor(Month))) +
   geom_point(size = 2.5) +
   scale_color_bigHero6()

ggplot(airquality, aes(x = Day, y = Temp,
   group = as.factor(Month), color = as.factor(Month))) +
   geom_point(size = 2.5) +
   scale_colour_bigHero6()

ggplot(mpg, aes(displ)) +
   geom_histogram(aes(fill = class), col = "black", size = 0.1) +
   scale_fill_bigHero6()
```

brooklyn99_pal  Brooklyn Nine Nine Color and Fill Scales

Description

Brooklyn Nine Nine Color and Fill Scales

Usage

```r
brooklyn99_pal(
   palette = "Regular",
   n = n,
   type = c("discrete", "continuous"),
   reverse = FALSE
)

scale_color_brooklyn99(
```
palette = "Regular",
  n = n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_colour_brooklyn99(
  palette = "Regular",
  n = n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_brooklyn99(
  palette = "Regular",
  n = n,
  type = "discrete",
  reverse = FALSE,
  ...
)

Arguments

  palette name of palette, Regular or Dark Default: "Regular"
  n number of colors
  type discrete or continuous
  reverse reverse order, Default: FALSE
  ... Arguments passed on to ggplot2::discrete_scale

  aesthetics The names of the aesthetics that this scale works with.
  scale_name The name of the scale that should be used for error messages associated with this scale.
  name The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.
  breaks One of:
    • NULL for no breaks
    • waiver() for the default breaks (the scale limits)
    • A character vector of breaks
    • A function that takes the limits as input and returns breaks as output

  labels One of:
    • NULL for no labels
    • waiver() for the default labels computed by the transformation object
    • A character vector giving labels (must be same length as breaks)
brooklyn99_pal

- A function that takes the breaks as input and returns labels as output
limits A character vector that defines possible values of the scale and their order.
expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function expansion() to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.
na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify na.translate = FALSE.
na.value If na.translate = TRUE, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.
drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.
guide A function used to create a guide or its name. See guides() for more information.
position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.
super The super class to use for the constructed scale

Details

Colors that work well with the blue background!

Examples

library(scales)
show_col(brooklyn99_pal()(5))
show_col(brooklyn99_pal(palette = "Dark")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_color_brooklyn99()

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_color_brooklyn99(palette = "Dark")

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_colour_brooklyn99(palette = "Dark")
```r
ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_brooklyn99()
```

---

`gravityFalls_pal`  
*Gravity Falls palette*

**Description**
Gravity Falls palette

**Usage**

```r
gridFalls_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_gridFalls(n, type = "discrete", reverse = FALSE, ...)
scale_colour_gridFalls(n, type = "discrete", reverse = FALSE, ...)
scale_fill_gridFalls(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

- `n`  
  number of colors

- `type`  
  discrete or continuous

- `reverse`  
  reverse order, Default: FALSE

- `...`  
  Arguments passed on to `ggplot2::discrete_scale`

  - `aesthetics`  
    The names of the aesthetics that this scale works with.

  - `scale_name`  
    The name of the scale that should be used for error messages associated with this scale.

  - `palette`  
    A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., `scales::hue_pal()`).

  - `name`  
    The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

  - `breaks`  
    One of:
    - NULL for no breaks
    - `waiver()` for the default breaks (the scale limits)
    - A character vector of breaks
    - A function that takes the limits as input and returns breaks as output

  - `labels`  
    One of:
    - NULL for no labels
    - `waiver()` for the default labels computed by the transformation object
• A character vector giving labels (must be same length as breaks)
• A function that takes the breaks as input and returns labels as output
limits A character vector that defines possible values of the scale and their order.
expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function expansion() to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.
na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify na.translate = FALSE.
aa.value If na.translate = TRUE, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.
drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.
guide A function used to create a guide or its name. See guides() for more information.
position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.
super The super class to use for the constructed scale

Examples

library(scales)
show_col(gravityFalls_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 3.5) +
    scale_color_gravityFalls()

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 3.5) +
    scale_colour_gravityFalls()

ggplot(mpg, aes(displ)) +
    geom_histogram(aes(fill = class), col = "black", size = 0.1) +
    scale_fill_gravityFalls()
**hilda_pal**

- **Hilda palette**

**Description**

Hilda palette

**Usage**

hilda_pal(palette, n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)

scale_colour_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)

scale_fill_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)

**Arguments**

- **palette**
  - name of palette (Day, Dusk, Night), Default: "Day"

- **n**
  - number of colors

- **type**
  - discrete or continuous

- **reverse**
  - reverse order, Default: FALSE

- **...**
  - Arguments passed on to ggplot2::discrete_scale

**aesthetics**

- The names of the aesthetics that this scale works with.

**scale_name**

- The name of the scale that should be used for error messages associated with this scale.

**name**

- The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

**breaks**

- One of:
  - NULL for no breaks
  - waiver() for the default breaks (the scale limits)
  - A character vector of breaks
  - A function that takes the limits as input and returns breaks as output

**labels**

- One of:
  - NULL for no labels
  - waiver() for the default labels computed by the transformation object
  - A character vector giving labels (must be same length as breaks)
  - A function that takes the breaks as input and returns labels as output

**limits**

- A character vector that defines possible values of the scale and their order.
expand  For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate  Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value  If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop  Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide  A function used to create a guide or its name. See `guides()` for more information.

position  For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

super  The super class to use for the constructed scale

Details

Color set from Matt Shanks & `@ChevyRay`

Examples

```r
library(scales)
show_col(hilda_pal(palette = "Dusk")(5))

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) + 
  geom_point(size = 2.5) + 
  scale_color_hilda(palette = "Day")

ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) + 
  geom_point(size = 2.5) + 
  scale_color_hilda(palette = "Night")

ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) + 
  geom_point(size = 2.5) + 
  scale_color_hilda(palette = "Day")

ggplot(mpg, aes(displ)) + 
  geom_histogram(aes(fill = class), col = "black", size = 0.1) + 
  scale_fill_hilda(palette = "Night")
```
import_avatar

*Import "Slayer" font*

Description

The Last Airbender font ("Slayer")

Usage

import_avatar()

Details

Actual font is Herculanum. import_*() functions taken from hrbrthemes. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

---

import_chelseaMarket

*Import "Chelsea Market" font*

Description

Imports Chelsea Market (Hilda)

Usage

import_chelseaMarket()

Details

import_*() functions taken from hrbrthemes. Formerly ‘import_ChelseaMarket()’ which as been deleted rather than deprecated. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

See Also

font_import
**import_cinzel**  
*Import "Cinzel" font*

**Description**
Game of Thrones font ("Cinzel" font)

**Usage**
import_cinzel()

**Details**
import_*() functions taken from hrbrthemes, actual font is "Trajan Pro". You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

**See Also**
font_import

---

**import_gravitationFalls**  
*Import "Gravitation Falls" font*

**Description**
Imports Gravitation Falls font (Gravity Falls)

**Usage**
import_gravitationFalls()

**Details**
import_*() functions taken from hrbrthemes. Font made by MaxiGamer on DeviantArt! You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

**See Also**
font_import
import_rickAndMorty

Import "Get Schwifty" font

Description
Rick & Morty font ("Get Schwifty")

Usage
import_rickAndMorty()

Details
Actual font is ... well, Justin Roiland’s actual handwriting. import_*() functions taken from hrbrthemes. Created by jonizaak on DeviantArt! You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

import_robotoCondensed

Import "Roboto Condensed" font

Description
taken from hrbrthemes

Usage
import_robotoCondensed()

Details
import_*() functions taken from hrbrthemes. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

See Also
font_import
import_robo_to_condensed

*Import "Roboto Condensed" font (deprecated)*

**Description**

taken from hrbrthemes

**Usage**

`import_robo_to_condensed()`

**Details**

`import_*()` functions taken from hrbrthemes. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

**See Also**

`font_import`

---

import_simpsons

*Import "Akbar" font*

**Description**

The Simpsons Font ("Akbar" font)

**Usage**

`import_simpsons()`

**Details**

`import_*()` functions taken from hrbrthemes. Created by Jon Bernhardt. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

**See Also**

`font_import`
**import_spongeBob**

Import "Some-Time-Later" font

**Description**

spongeBob SquarePants font ("Some-Time-Later")

**Usage**

```
import_spongeBob()
```

**Details**

import_*() functions taken from hrbrthemes. Created by Frederick R. Brennan. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

---

**import_theLastAirbender**

Import "Slayer" font (deprecated)

**Description**

The Last Airbender font ("Slayer")

**Usage**

```
import_theLastAirbender()
```

**Details**

Actual font is Herculanum. import_*() functions taken from hrbrthemes. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".
import_titillium_web  Import “Titillium Web” font

---

**Description**
Imports Titillium Web

**Usage**

```r
import_titilliumWeb()
```

**Details**

`import_*()` functions taken from hrbrthemes.

**See Also**

- `font_import`

---

import_titillium_web  Import “Titillium Web” font (deprecated)

---

**Description**
Imports Titillium Web

**Usage**

```r
import_titillium_web()
```

**Details**

`import_*()` functions taken from hrbrthemes.

**See Also**

- `font_import`
**Description**

Kim Possible palette

**Usage**

kimPossible_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_kimPossible(n, type = "discrete", reverse = FALSE, ...)

scale_colour_kimPossible(n, type = "discrete", reverse = FALSE, ...)

scale_fill_kimPossible(n, type = "discrete", reverse = FALSE, ...)

**Arguments**

- **n**  
  number of colors

- **type**  
  discrete or continuous

- **reverse**  
  reverse order, Default: FALSE

...  
Arguments passed on to ggplot2::discrete_scale

- **aesthetics**  
  The names of the aesthetics that this scale works with.

- **scale_name**  
  The name of the scale that should be used for error messages associated with this scale.

- **palette**  
  A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., scales::hue_pal()).

- **name**  
  The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

- **breaks**  
  One of:
  - NULL for no breaks
  - waiver() for the default breaks (the scale limits)
  - A character vector of breaks
  - A function that takes the limits as input and returns breaks as output

- **labels**  
  One of:
  - NULL for no labels
  - waiver() for the default labels computed by the transformation object
  - A character vector giving labels (must be same length as breaks)
  - A function that takes the breaks as input and returns labels as output

- **limits**  
  A character vector that defines possible values of the scale and their order.
expand  For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate  Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value  If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop  Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide  A function used to create a guide or its name. See `guides()` for more information.

position  For position scales. The position of the axis. left or right for y axes, top or bottom for x axes.

super  The super class to use for the constructed scale

---

**Examples**

```r
library(scales)
show_col(kimPossible_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
   group = as.factor(Month), color = as.factor(Month))) +
   geom_point(size = 2.5) +
   scale_color_kimPossible()

ggplot(airquality, aes(x = Day, y = Temp,
   group = as.factor(Month), color = as.factor(Month))) +
   geom_point(size = 2.5) +
   scale_colour_kimPossible()

ggplot(mpg, aes(displ)) +
   geom_histogram(aes(fill = class), col = "black", size = 0.1) +
   scale_fill_kimPossible()
```

---

**paintBikiniBottom**  Add SpongeBob background

**Description**

Add SpongeBob background
Usage
```
paintBikiniBottom(
  plot,
  width = 800,
  height = 500,
  output.file = NULL,
  background = "background",
  ...
)
```

Arguments
- **plot**: the ggplot object you want to Spongbobify!
- **width**: width, Default: 800
- **height**: height, Default: 500
- **output.file**: File path to save image, Default: NULL
- **background**: "background" or "floral", Default: "background"
- **...**: Other options, see `?magick::image_graph()`

Details
Adapted from ggpomological’s `paint_pomological()` function!

Value
Your plot with a Spongebob themed background!

---

**parksAndRec_pal**

*Parks & Recreation palette*

Description
Parks & Recreation palette

Usage
```
parksAndRec_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
scale_colour_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
scale_fill_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
```
Arguments

- **n**
  - number of colors

- **type**
  - discrete or continuous

- **reverse**
  - reverse order, Default: FALSE

Arguments passed on to `ggplot2::discrete_scale`

- **aesthetics**
  - The names of the aesthetics that this scale works with.

- **scale_name**
  - The name of the scale that should be used for error messages associated with this scale.

- **palette**
  - A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., `scales::hue_pal()`).

- **name**
  - The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

- **breaks**
  - One of:
    - NULL for no breaks
    - `waiver()` for the default breaks (the scale limits)
    - A character vector of breaks
    - A function that takes the limits as input and returns breaks as output

- **labels**
  - One of:
    - NULL for no labels
    - `waiver()` for the default labels computed by the transformation object
    - A character vector giving labels (must be same length as `breaks`)
    - A function that takes the breaks as input and returns labels as output

- **limits**
  - A character vector that defines possible values of the scale and their order.

- **expand**
  - For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

- **na.translate**
  - Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

- **na.value**
  - If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

- **drop**
  - Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

- **guide**
  - A function used to create a guide or its name. See `guides()` for more information.

- **position**
  - For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

- **super**
  - The super class to use for the constructed scale
Examples

```r
library(scales)
show_col(parksAndRec_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_color_parksAndRec()

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_colour_parksAndRec()

ggplot(mpg, aes(displ)) +
    geom_histogram(aes(fill = class), col = "black", size = 0.1) +
    scale_fill_parksAndRec()
```

---

**rickAndMorty_pal**

*Rick & Morty color palette*

**Description**

Rick & Morty color palette

**Usage**

```r
rickAndMorty_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
scale_colour_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
scale_fill_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

- **n**: number of colors
- **type**: discrete or continuous
- **reverse**: reverse order, Default: FALSE
- **...**: Arguments passed on to `ggplot2::discrete_scale`
  - **aesthetics**: The names of the aesthetics that this scale works with.
  - **scale_name**: The name of the scale that should be used for error messages associated with this scale.
palette  A palette function that when called with a single integer argument (the
number of levels in the scale) returns the values that they should take (e.g.,
scales::hue_pal()).

name  The name of the scale. Used as the axis or legend title. If waiver(), the
default, the name of the scale is taken from the first mapping used for that
aesthetic. If NULL, the legend title will be omitted.

breaks  One of:
  • NULL for no breaks
  • waiver() for the default breaks (the scale limits)
  • A character vector of breaks
  • A function that takes the limits as input and returns breaks as output

labels  One of:
  • NULL for no labels
  • waiver() for the default labels computed by the transformation object
  • A character vector giving labels (must be same length as breaks)
  • A function that takes the breaks as input and returns labels as output

limits  A character vector that defines possible values of the scale and their
order.

expand  For position scales, a vector of range expansion constants used to add
some padding around the data to ensure that they are placed some distance
away from the axes. Use the convenience function expansion() to gen-
erate the values for the expand argument. The defaults are to expand the
scale by 5% on each side for continuous variables, and by 0.6 units on each
side for discrete variables.

na.translate  Unlike continuous scales, discrete scales can easily show miss-
ing values, and do so by default. If you want to remove missing values from
a discrete scale, specify na.translate = FALSE.

na.value  If na.translate = TRUE, what value aesthetic value should missing
be displayed as? Does not apply to position scales where NA is always
placed at the far right.

drop  Should unused factor levels be omitted from the scale? The default, TRUE,
uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide  A function used to create a guide or its name. See guides() for more
information.

position  For position scales, The position of the axis. left or right for y
axes, top or bottom for x axes.

super  The super class to use for the constructed scale

Examples

library(scales)
show_col(rickAndMorty_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
The Simpsons palette

Description

The Simpsons palette

Usage

```r
simpsons_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
```

```r
scale_color_simpsons(n, type = "discrete", reverse = FALSE, ...)
```

```r
scale_colour_simpsons(n, type = "discrete", reverse = FALSE, ...)
```

```r
scale_fill_simpsons(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

- `n` number of colors
- `type` discrete or continuous
- `reverse` reverse order, Default: FALSE
- `...` Arguments passed on to `ggplot2::discrete_scale`

- aesthetics The names of the aesthetics that this scale works with.
- scale_name The name of the scale that should be used for error messages associated with this scale.
- palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., `scales::hue_pal()`).
- name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.
- breaks One of:
  - NULL for no breaks
• `waiver()` for the default breaks (the scale limits)
• A character vector of breaks
• A function that takes the limits as input and returns breaks as output

labels One of:
• `NULL` for no labels
• `waiver()` for the default labels computed by the transformation object
• A character vector giving labels (must be same length as `breaks`)
• A function that takes the breaks as input and returns labels as output

limits A character vector that defines possible values of the scale and their order.

expand For position scales, a vector of range expansion constants used to add
some padding around the data to ensure that they are placed some distance
away from the axes. Use the convenience function `expansion()` to generate
the values for the expand argument. The defaults are to expand the
scale by 5% on each side for continuous variables, and by 0.6 units on each
side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing
values, and do so by default. If you want to remove missing values from
a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what value aesthetic value should missing
be displayed as? Does not apply to position scales where NA is always
placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE,
uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more
information.

position For position scales, The position of the axis. left or right for y
axes, top or bottom for x axes.

super The super class to use for the constructed scale

Examples

```r
library(scales)
show_col(simpsons_pal()(5))
```

```r
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons()
```

```r
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons()
```

```r
ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_simpsons()
```
Description

Spongebob Squarepants palette

Usage

spongeBob_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_spongeBob(n, type = "discrete", reverse = FALSE, ...)

scale_colour_spongeBob(n, type = "discrete", reverse = FALSE, ...)

scale_fill_spongeBob(n, type = "discrete", reverse = FALSE, ...)

Arguments

n number of colors
type discrete or continuous
reverse reverse order, Default: FALSE
... Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.
scale_name The name of the scale that should be used for error messages associated with this scale.
palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., scales::hue_pal()).
name The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.
breaks One of:
  * NULL for no breaks
  * waiver() for the default breaks (the scale limits)
  * A character vector of breaks
  * A function that takes the limits as input and returns breaks as output
labels One of:
  * NULL for no labels
  * waiver() for the default labels computed by the transformation object
  * A character vector giving labels (must be same length as breaks)
  * A function that takes the breaks as input and returns labels as output
limits A character vector that defines possible values of the scale and their order.
expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, the position of the axis. left or right for y axes, top or bottom for x axes.

super The super class to use for the constructed scale

Examples

```r
library(scales)
show_col(spongeBob_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp, group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob()

ggplot(airquality, aes(x = Day, y = Temp, group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_spongeBob()
```

Description

find SpongeBob background images
### theme_avatar

**Usage**

```r
sponge_images(which = c("background", "floral"))
```

**Arguments**

- `which`  
  PARAM_DESCRIPTION, Default: c("background", "floral")

---

### Avatar: The Last Airbender theme

**Description**

Avatar: The Last Airbender theme, Recommended font: "Slayer"

**Usage**

```r
theme_avatar(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 14,
  text.size = 10,
  subtitle.size = 12,
  axis.title.size = 10,
  axis.text.size = 8,
  legend.title.size = 10,
  legend.text.size = 8,
  title.color = NULL,
  subtitle.color = "grey20",
  text.color = NULL,
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)
```

**Arguments**

- `text.font`  
  text font, Default: NULL

- `title.font`  
  title font, Default: NULL

- `legend.font`  
  legend font, Default: NULL

- `title.size`  
  title font size, Default: 14

- `text.size`  
  text font size, Default: 10
Brooklyn Nine-Nine theme

subtitle.size  subtitle font size, Default: 12
axis.title.size  axis title font size, Default: 10
axis.text.size  axis text font size, Default: 8
legend.title.size  legend title font size, Default: 10
legend.text.size  legend text font size, Default: 8
title.color  title color, Default: NULL
subtitle.color  subtitle color, Default: "grey20"
text.color  text color, Default: NULL
axis.title.color  axis title color, Default: "grey20"
avis.text.color  axis text color, Default: "grey20"
legend.title.color  legend title color, Default: "grey20"
legend.text.color  legend text color, Default: "grey20"
legend.position  legend position, Default: "bottom"
ticks  add axis ticks, Default: FALSE

See Also

[ggplot2::theme]

Examples

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
             group = as.factor(Month), color = as.factor(Month))) +
        geom_point(size = 2.5) +
        scale_color_avatar() +
        theme_avatar()

theme_brooklyn99  Brooklyn Nine-Nine theme

Description

Brooklyn Nine-Nine theme, Recommended font: "Roboto Condensed" (title), "Calibri Light" (other text)
theme_brooklyn99

Usage

theme_brooklyn99(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)

Arguments

text.font    text font, Default: NULL
title.font   title font, Default: NULL
legend.font  legend font, Default: NULL
title.size   title font size, Default: 18
text.size    text font size, Default: 14
subtitle.size subtitle font size, Default: 12
axis.title.size axis title font size, Default: 14
axis.text.size axis text font size, Default: 14
legend.title.size legend title font size, Default: 12
legend.text.size legend text font size, Default: 9
title.color  title color, Default: "#F9FEFF"
subtitle.color subtitle.color, Default: "#F9FEFF"
text.color   text color, Default: "#F9FEFF"
axis.title.color axis title color, Default: "#F9FEFF"
axis.text.color axis text color, Default: "#F9FEFF"
theme_hildaDay

legend.title.color
  legend title color, Default: "F9FEFF"

legend.text.color
  legend text color, Default: "F9FEFF"

legend.position
  legend position, Default: "bottom"

ticks
  add axis ticks, Default: FALSE

Details

Actual font: Variants of 'Univers'

See Also

[ggplot2::theme]

Examples

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99() +
  theme_brooklyn99()

theme_hildaDay

Hilda "Day" theme

Description

Hilda Day theme

Usage

theme_hildaDay(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#659794",
  subtitle.color = "#659794",
)
### theme_hildaDay

```r
  text.color = "#659794",
  axis.title.color = "#659794",
  axis.text.color = "#93a1a1",
  legend.title.color = "#659794",
  legend.text.color = "#93a1a1",
  legend.position = "bottom",
  ticks = FALSE
)
```

**Arguments**

- `text.font`: text font, Default: "Chelsea Market"
- `title.font`: title font, Default: "Chelsea Market"
- `legend.font`: legend font, Default: "Chelsea Market"
- `title.size`: title font size, Default: 18
- `text.size`: text font size, Default: 14
- `subtitle.size`: subtitle font size, Default: 12
- `axis.title.size`: axis title font size, Default: 14
- `axis.text.size`: axis text font size, Default: 12
- `legend.title.size`: legend title font size, Default: 10
- `legend.text.size`: legend text font size, Default: 9
- `title.color`: title color, Default: '#F9FEFF'
- `subtitle.color`: subtitle color, Default: '#F9FEFF'
- `text.color`: text color, Default: '#F9FEFF'
- `axis.title.color`: axis title color, Default: '#F9FEFF'
- `axis.text.color`: axis text color, Default: '#F9FEFF'
- `legend.title.color`: legend title color, Default: '#F9FEFF'
- `legend.text.color`: legend text color, Default: '#F9FEFF'
- `legend.position`: legend position, Default: 'bottom'
- `ticks`: add axis ticks, Default: FALSE

**Examples**

```r
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
```
theme_hildaDusk

Hilda "Dusk" theme

Description

Hilda theme

Usage

```r
theme_hildaDusk(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)
```

Arguments

- `text.font`: text font, Default: "Chelsea Market"
- `title.font`: title font, Default: "Chelsea Market"
- `legend.font`: legend font, Default: "Chelsea Market"
- `title.size`: title font size, Default: 18
- `text.size`: text font size, Default: 14
- `subtitle.size`: subtitle font size, Default: 12
- `axis.title.size`: axis title font size, Default: 14
- `axis.text.size`: axis text font size, Default: 12
- `legend.title.size`: legend title font size, Default: 10
- `legend.text.size`: legend text font size, Default: 9
- `title.color`: title color, Default: #F9FEFF
- `subtitle.color`: subtitle color, Default: #F9FEFF
- `text.color`: text color, Default: #F9FEFF
- `axis.title.color`: axis title color, Default: #F9FEFF
- `axis.text.color`: axis text color, Default: #F9FEFF
- `legend.title.color`: legend title color, Default: #F9FEFF
- `legend.text.color`: legend text color, Default: #F9FEFF
- `legend.position`: legend position, Default: bottom
- `ticks`: ticks, Default: TRUE

```r
geom_point(size = 2.5) +
  scale_color_hilda(palette = "Day") +
  theme_hildaDay(text.font = "Times", title.font = "Times",
                 legend.font = "Times")
```
theme_hildaNight

axis.text.size  axis text font size, Default: 12
legend.title.size  legend title font size, Default: 10
legend.text.size  legend text font size, Default: 9
title.color  title color, Default: '#F9FEFF'
subtitle.color  subtitle color, Default: '#F9FEFF'
text.color  text color, Default: '#F9FEFF'
axis.title.color  axis title color, Default: '#F9FEFF'
axis.text.color  axis text color, Default: '#F9FEFF'
legend.title.color  legend title color, Default: '#F9FEFF'
legend.text.color  legend text color, Default: '#F9FEFF'
legend.position  legend position, Default: 'bottom'
ticks  add axis ticks, Default: FALSE

Examples

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Dusk") +
  theme_hildaDusk(text.font = "Times", title.font = "Times",
  legend.font = "Times")

theme_hildaNight  Hilda "Night" theme

Description

Hilda theme

Usage

theme_hildaNight(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  )
theme_hildaNight

text.size = 14,
subtitle.size = 12,
axis.title.size = 14,
axis.text.size = 12,
legend.title.size = 10,
legend.text.size = 9,
title.color = "#F9FEFF",
subtitle.color = "#F9FEFF",
text.color = "#F9FEFF",
axis.title.color = "#F9FEFF",
axis.text.color = "#F9FEFF",
legend.title.color = "#F9FEFF",
legend.text.color = "#F9FEFF",
legend.position = "bottom",
ticks = FALSE
)

Arguments

text.font text font, Default: "Chelsea Market"
title.font title font, Default: "Chelsea Market"
legend.font legend font, Default: "Chelsea Market"
title.size title font size, Default: 18
text.size text font size, Default: 14
subtitle.size subtitle font size, Default: 12
axis.title.size axis title font size, Default: 12
axis.text.size axis text font size, Default: 14
legend.title.size legend title font size, Default: 10
legend.text.size legend text font size, Default: 9
title.color title color, Default: '#F9FEFF'
subtitle.color subtitle color, Default: '#F9FEFF'
text.color text color, Default: '#F9FEFF'
axis.title.color axis title color, Default: '#F9FEFF'
axis.text.color axis text color, Default: '#F9FEFF'
legend.title.color legend title color, Default: '#F9FEFF'
legend.text.color legend text color, Default: '#F9FEFF'
legend.position legend position, Default: 'bottom'
ticks add axis ticks, Default: FALSE
Examples

```r
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Night") +
  theme_hildaNight(text.font = "Times", title.font = "Times",
      legend.font = "Times")
```

Description

Parks & Recreation theme, Recommended font: "Titillium Web"

Usage

```r
theme_parksAndRec(
    text.font = NULL,
    title.font = NULL,
    legend.font = NULL,
    title.size = 20,
    text.size = 16,
    subtitle.size = 14,
    axis.title.size = 14,
    axis.text.size = 12,
    legend.title.size = 14,
    legend.text.size = 12,
    title.color = NULL,
    subtitle.color = NULL,
    text.color = NULL,
    axis.title.color = "black",
    axis.text.color = "black",
    legend.title.color = NULL,
    legend.text.color = NULL,
    legend.position = "bottom",
    ticks = FALSE
)
```

Arguments

- **text.font**: text font, Default: NULL
- **title.font**: title font, Default: NULL
- **legend.font**: legend font, Default: NULL
theme_parksAndRec

title.size  title font size, Default: 20
text.size   text font size, Default: 16
subtitle.size subtitle font size, Default: 14
axis.title.size axis title font size, Default: 14
axis.text.size  axis text font size, Default: 12
legend.title.size legend title font size, Default: 14
legend.text.size  legend text font size, Default: 12
title.color    title color, Default: NULL
subtitle.color subtitle.color, Default: NULL
text.color     text color, Default: NULL
axis.title.color axis title color, Default: NULL
axis.text.color axis text color, Default: NULL
legend.title.color legend title color, Default: NULL
legend.text.color legend text color, Default: NULL
legend.position legend position, Default: "bottom"
ticks         add axis ticks, Default: FALSE

Details

Actual font: 'Champion HTF-Heavyweight'

See Also

[ggplot2::theme]

Examples

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
geom_point(size = 2.5) +
  scale_color_parksAndRec() +
  theme_parksAndRec()
theme_parksAndRecLight

*Parks & Recreation "Light" theme*

**Description**

Parks & Recreation light theme, Recommended font: "Titillium Web"

**Usage**

```r
theme_parksAndRecLight(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 14,
  legend.text.size = 12,
  title.color = "grey20",
  subtitle.color = "grey20",
  text.color = "grey20",
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)
```

**Arguments**

- `text.font` text font, Default: NULL
- `title.font` title font, Default: NULL
- `legend.font` legend font, Default: NULL
- `title.size` title font size, Default: 20
- `text.size` text font size, Default: 16
- `subtitle.size` subtitle font size, Default: 14
- `axis.title.size` axis title font size, Default: 14
- `axis.text.size` axis text font size, Default: 12
- `legend.title.size` legend title font size, Default: 14
legend.text.size
  legend text font size, Default: 12

title.color
  title color, Default: "grey20"

subtitle.color
  subtitle.color, Default: "grey20"

text.color
  text color, Default: "grey20"

axis.title.color
  axis title color, Default: "grey20"

axis.text.color
  axis text color, Default: "grey20"

legend.title.color
  legend title color, Default: "grey20"

legend.text.color
  legend text color, Default: "grey20"

legend.position
  legend position, Default: "bottom"

ticks
  add axis ticks, Default: FALSE

Details

Actual font: 'Champion HTF-Heavyweight'

See Also

[ggplot2::theme]

Examples

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) + 
  geom_point(size = 2.5) + 
  scale_color_parksAndRec() + 
  theme_parksAndRecLight()

---

theme_parksAndRec_light

*Parks & Recreation "Light" theme (deprecated)*

Description

Parks & Recreation light theme, Recommended font: "Titillium Web"
theme_parksAndRec_light

Usage

theme_parksAndRec_light(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 14,
  legend.text.size = 12,
  title.color = "grey20",
  subtitle.color = "grey20",
  text.color = "grey20",
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)

Arguments

text.font text font, Default: NULL

title.font title font, Default: NULL

legend.font legend font, Default: NULL

title.size title font size, Default: 20

text.size text font size, Default: 16

subtitle.size subtitle font size, Default: 14

axis.title.size axis title font size, Default: 14

axis.text.size axis text font size, Default: 12

legend.title.size legend title font size, Default: 14

legend.text.size legend text font size, Default: 12

title.color title color, Default: "grey20"

subtitle.color subtitle.color, Default: "grey20"

text.color text color, Default: "grey20"

axis.title.color axis title color, Default: "grey20"

axis.text.color axis text color, Default: "grey20"
theme_rickAndMorty

legend.title.color
legend title color, Default: "grey20"

legend.text.color
legend text color, Default: "grey20"

legend.position
legend position, Default: "bottom"

ticks
add axis ticks, Default: FALSE

Details

Actual font: 'Champion HTF-Heavyweight' This function has been deprecated in favor of 'theme_parksAndRecLight' to follow the naming conventions of the package.

See Also

[ggplot2::theme]

theme_rickAndMorty
 Rick & Morty theme

Description

Rick & Morty theme, Recommended font: "Get Schwifty"

Usage

theme_rickAndMorty(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 12,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 10,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = NULL,
  subtitle.color = NULL,
  text.color = NULL,
  axis.title.color = NULL,
  axis.text.color = "black",
  legend.title.color = NULL,
  legend.text.color = NULL,
  legend.position = "bottom",
  ticks = FALSE
)
Arguments

- `text.font` text font, Default: NULL
- `title.font` title font, Default: NULL
- `legend.font` legend font, Default: NULL
- `title.size` title size, Default: 20
- `text.size` text font size, Default: 12
- `subtitle.size` subtitle font size, Default: 14
- `axis.title.size` axis title font size, Default: 14
- `axis.text.size` axis text font size, Default: 10
- `legend.title.size` legend title font size, Default: 10
- `legend.text.size` legend text font size, Default: 9
- `title.color` title color, Default: NULL
- `subtitle.color` subtitle color, Default: NULL
- `text.color` text color, Default: NULL
- `axis.title.color` axis title color, Default: NULL
- `axis.text.color` axis text color, Default: "black"
- `legend.title.color` legend title color, Default: NULL
- `legend.text.color` legend text color, Default: NULL
- `legend.position` legend position, Default: "bottom"
- `ticks` add axis ticks, Default: FALSE

Details

Actual font is based on Justin Roiland’s handwriting!

See Also

[ggplot2::theme]

Examples

```r
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
geom_point(size = 2.5) +
scale_color_rickAndMorty() +
theme_rickAndMorty()
```
theme_simpsons

Description
The Simpsons theme, Recommended font: "Akbar"

Usage
theme_simpsons(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 10,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#FFD235",
  subtitle.color = "#fee8c8",
  text.color = "#fee8c8",
  axis.title.color = "#fee8c8",
  axis.text.color = "#fee8c8",
  legend.title.color = "#ffffff",
  legend.text.color = "#ffffff",
  legend.position = "bottom",
  ticks = FALSE
)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>text.font</td>
<td>text font, Default: NULL</td>
</tr>
<tr>
<td>title.font</td>
<td>title font, Default: NULL</td>
</tr>
<tr>
<td>legend.font</td>
<td>legend font, Default: NULL</td>
</tr>
<tr>
<td>title.size</td>
<td>title font size, Default: 18</td>
</tr>
<tr>
<td>text.size</td>
<td>text font size, Default: 14</td>
</tr>
<tr>
<td>subtitle.size</td>
<td>subtitle font size, Default: 12</td>
</tr>
<tr>
<td>axis.title.size</td>
<td>axis title font size, Default: 14</td>
</tr>
<tr>
<td>axis.text.size</td>
<td>axis text font size, Default: 10</td>
</tr>
<tr>
<td>legend.title.size</td>
<td>legend title font size, Default: 10</td>
</tr>
</tbody>
</table>
theme_spongeBob

- legend.text.size
  - legend text font size, Default: 9
- title.color
  - title color, Default: "#FFD235"
- subtitle.color
  - subtitle color, Default: "#fee8c8"
- text.color
  - text color, Default: "#fee8c8"
- axis.title.color
  - axis title color, Default: "#fee8c8"
- axis.text.color
  - axis text color, Default: "#fee8c8"
- legend.title.color
  - legend title color, Default: "#ffffff"
- legend.text.color
  - legend text color, Default: "#ffffff"
- legend.position
  - legend position, Default: "bottom"
- ticks
  - add axis ticks, Default: FALSE

Details

In part inspired by ‘@nathancunn’’s blog posts on The Simpsons!

See Also

[ggplot2::theme]

Examples

```r
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons() +
  theme_simpsons()
```

Description

Spongebob Squarepants theme, Recommended font: "Some Time Later"
theme_spongeBob

Usage

theme_spongeBob(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 12,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)

Arguments

text.font text font, Default: NULL
title.font title font, Default: NULL
legend.font legend font, Default: NULL
title.size size of title, Default: 18
text.size text font size, Default: 12
subtitle.size subtitle font size, Default: 12
axis.title.size axis title font size, Default: 14
axis.text.size axis text font size, Default: 12
legend.title.size legend title font size, Default: 10
legend.text.size legend text font size, Default: 9
title.color title color, Default: "#F9FEFF"
subtitle.color subtitle.color, Default: "#F9FEFF"
text.color text color, Default: "#F9FEFF"
axis.title.color axis title color, Default: "#F9FEFF"
axis.text.color axis text color, Default: "#F9FEFF"
theme_theLastAirbender

legend.title.color
    legend title color, Default: "F9FEFF"
legend.text.color
    legend text color, Default: "F9FEFF"
legend.position
    legend position, Default: "bottom"
ticks
    add axis ticks, Default: FALSE

Details

Spongobify your plots even more by combining with `paintBikiniBottom()`!

See Also

[tvthemes::paintBikiniBottom]

Examples

```r
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp, 
    group = as.factor(Month), color = as.factor(Month))) + 
  geom_point(size = 2.5) + 
  scale_color_spongeBob() + 
  theme_spongeBob()
```

theme_theLastAirbender

*Avatar: The Last Airbender theme (deprecated)*

Description

*Avatar: The Last Airbender theme, Recommended font: "Slayer"

Usage

```r
theme_theLastAirbender( 
    text.font = NULL, 
    title.font = NULL, 
    legend.font = NULL, 
    title.size = 14, 
    text.size = 10, 
    subtitle.size = 12, 
    axis.title.size = 10, 
    axis.text.size = 8, 
    legend.title.size = 10, 
    legend.text.size = 8, 
    title.color = NULL,
```
theme_theLastAirbender

```r
subtitle.color = "grey20",
text.color = NULL,
axis.title.color = "grey20",
axis.text.color = "grey20",
legend.title.color = "grey20",
legend.text.color = "grey20",
legend.position = "bottom",
ticks = FALSE
)

Arguments

text.font text font, Default: NULL
title.font title font, Default: NULL
legend.font legend font, Default: NULL
title.size title font size, Default: 14
text.size text font size, Default: 10
subtitle.size subtitle font size, Default: 12
axis.title.size axis title font size, Default: 10
axis.text.size axis text font size, Default: 8
legend.title.size legend title font size, Default: 10
legend.text.size legend text font size, Default: 8
title.color title color, Default: NULL
subtitle.color subtitle.color, Default: "grey20"
text.color text color, Default: NULL
axis.title.color axis title color, Default: "grey20"
axis.text.color axis text color, Default: "grey20"
legend.title.color legend title color, Default: "grey20"
legend.text.color legend text color, Default: "grey20"
legend.position legend position, Default: "bottom"
ticks add axis ticks, Default: FALSE

See Also

[ggplot2::theme]
westeros_pal

Great Houses of Westeros palette

Description
Houses Stark, Lannister, Tyrell, Targaryen, Tully, Greyjoy, Manderly, Martell, Stannis Baratheon, & Arryn

Usage
westeros_pal(
  palette = "Stark",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

scale_color_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_colour_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

Arguments
palette name of palette, Default: "Stark"

n number of colors

type discrete or continuous
reverse order, Default: FALSE

Arguments passed on to ggplot2::discrete_scale

ejjsthetics The names of the aesthetics that this scale works with.

scale_name The name of the scale that should be used for error messages associated with this scale.

name The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

breaks One of:
  • NULL for no breaks
  • waiver() for the default breaks (the scale limits)
  • A character vector of breaks
  • A function that takes the limits as input and returns breaks as output

labels One of:
  • NULL for no labels
  • waiver() for the default labels computed by the transformation object
  • A character vector giving labels (must be same length as breaks)
  • A function that takes the breaks as input and returns labels as output

limits A character vector that defines possible values of the scale and their order.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function expansion() to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify na.translate = FALSE.

na.value If na.translate = TRUE, what value aesthetic value should missing be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See guides() for more information.

position For position scales, The position of the axis, left or right for y axes, top or bottom for x axes.

super The super class to use for the constructed scale

Examples

library(scales)
show_col(westeros_pal(palette = "Stark")(5))
show_col(westeros_pal(palette = "Stannis")(5))
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_westeros(palette = "Stark")

ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_westeros(palette = "Stannis")

ggplot(airquality, aes(x = Day, y = Temp, 
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_westeros(palette = "Stannis")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_westeros(palette = "Stannis")
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