

Package ‘add2ggplot’

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Title Add to 'ggplot2'

Version 0.3.0

Description Create 'ggplot2' themes and color palettes.

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Encoding UTF-8

LazyData true

Imports ggplot2, magrittr, RColorBrewer, magick, zeallot

URL <https://github.com/JiaxiangBU/add2ggplot>

BugReports <https://github.com/JiaxiangBU/add2ggplot/issues>

RoxygenNote 6.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

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add_logo	<i>Add a logo into an image</i>
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Description

Add a logo into an image

Usage

```
add_logo(plot_path, logo_path, logo_position = c("top right", "top left",
"bottom right", "bottom left"), logo_scale = 10)
```

Arguments

plot_path	image path.
logo_path	logo image path.
logo_position	the position of logo within the image.
logo_scale	the size of logo relative to the image.

Value

Image.

Examples

```
add_logo(
  plot_path = system.file("extdata", "logo.png", package = "add2ggplot"),
  logo_path = system.file("extdata", "jiaxiang.png", package = "add2ggplot"),
  logo_position = "bottom right",
  logo_scale = 5
)
```

get_width_height *Get image width and height*

Description

Get image width and height

Usage

`get_width_height(img)`

Arguments

`img` The path of image

grey_one *The chosen color in grey*

Description

The chosen color in grey

Usage

`grey_one`

Format

An object of class character of length 1.

grey_two *The chosen color in grey*

Description

The chosen color in grey

Usage

`grey_two`

Format

An object of class character of length 1.

`more_colors`*Use a palette with 24 colors*

Description

`more_colors` helps users to build a more robust palette serving ggplot objects.

Usage

```
more_colors(n = 24)
```

Arguments

`n` the max number of color you choose

Value

The vector of the colors you choose

Author(s)

Jiaxiang Li

Examples

```
more_colors(n = 12)
more_colors(n = 24)
more_colors(n = 36)
```

`red_one`*The chosen color in red*

Description

The chosen color in red

Usage

```
red_one
```

Format

An object of class character of length 1.

red_two	<i>The chosen color in red</i>
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Description

The chosen color in red

Usage

```
red_two
```

Format

An object of class character of length 1.

theme_classic2	<i>Another classic theme</i>
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Description

Inspired by <https://www.datacamp.com/courses/intermediate-data-visualization-with-ggplot2>

Usage

```
theme_classic2()
```

Value

ggplot object.

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_classic2()
```

theme_du_bois	<i>Use Du Bois's theme</i>
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Description

theme_du_bois is one of ggplot themes for plotting.

Usage

```
theme_du_bois(font_name = "")
```

Arguments

font_name A Character.

Details

The function I developed originates from this [GitHub Repository](#) by the statistician Matthew A. He reproduces the sort of images originated from [W.E.B. Du Bois](#).

Value

The function to use + in the ggplot workflow.

Author(s)

Jiaxiang Li

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_du_bois()
```

theme_grey_and_red	<i>Use the ggplot theme in grey and red</i>
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Description

Use the ggplot theme in grey and red

Usage

```
theme_grey_and_red()
```

Value

The function to use + in the ggplot workflow.

Author(s)

Jiaxiang Li

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_grey_and_red()
```

theme_ilo

One ggplot theme

Description

One ggplot theme

Usage

```
theme_ilo()
```

Value

The function to use + in the ggplot workflow.

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_ilo()
```

theme_white	<i>A ggplot theme with a white background.</i>
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Description

A ggplot theme with a white background.

Usage

```
theme_white()
```

Value

The function to use + in the ggplot workflow.

Examples

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_white()
```

white_one	<i>The chosen color in white</i>
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Description

The chosen color in white

Usage

```
white_one
```

Format

An object of class character of length 1.

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