

Package ‘modthemes’

November 18, 2022

Title ggplot themes and palettes in a modernist style.

Version 0.0.0.9000

Description This is a package that contains a ggplot2 theme to make plots in several modernist styles (very much WIP). The dubois theme is directly inspired by https://github.com/ddekadt/dubois_theme/ and <https://raw.githubusercontent.com/ajstarks/dubois-data-portraits/master/dubois-style.pdf>

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.1

Depends R (>= 2.10)

LazyData true

Suggests knitr,
rmarkdown

VignetteBuilder knitr

R topics documented:

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catparties_palette	<i>catparties_palette</i>
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Description

Official colours for Catalan political parties 2010-2022 Colors oficials dels partits polítics catalans 2010-2022 JxCat es refereix a la Coalició JxCat que es va presentar a les eleccions del 2017 (rosat). Junts, al partit polític posterior (turquesa) JxCat refers to the JxCat coalition that ran on the 2017 election (pink). Junts, to its successor party (turquoise) #’ Names are usually given in abbreviated form unless not frequently used in daily speech. It should be trivial to change it.

Usage

catparties_palette

Format

An object of class character of length 19.

contrasting_palette	<i>diverging_palette</i>
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Description

this is a palette with diverging colours. Relatively muted brown, green, and blue tones.

Usage

contrasting_palette

Format

An object of class character of length 6.

dubois_palette_long	<i>dubois_palette_long</i>
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Description

This palette collects the main colours used by WEB DuBois. It can be used as a contrasting palette but they represent the order used by WEB DuBois in quantitative choropleth maps and can be used as such. Use `dubois_palette_short()` when less colours are needed to guarantee that there is enough contrast.

Usage

```
dubois_palette_long
```

Format

An object of class character of length 8.

palette_bloc	<i>bloc_colours</i>
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Description

a browns palette inspired by the colours of Casa Bloc. Can function both as continuous and as categorical.

Usage

```
palette_bloc
```

Format

An object of class character of length 4.

steel_palette	<i>steel_palette</i>
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Description

a steel blue palette.

Usage

```
steel_palette
```

Format

An object of class character of length 5.

theme_dubois	<i>theme_dubois</i>
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Description

ggplot theme in the style of WEB DuBois

Usage

```
theme_dubois(
  base_size = 11,
  base_family = "Roboto Condensed",
  base_line_size = base_size/170,
  base_rect_size = base_size/170,
  legend_position = NULL,
  bg_fill = "antiquewhite1"
)
```

Arguments

base_size	font size to use
base_family	font family to use
base_line_size	equal to the param in theme_minimal
legend_position	equal to the param in theme
bg_fill	background colour
base_grid_size	equal to the param in ggplot2::theme_minimal

theme_dubois_classic	<i>theme_dubois_classic</i>
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Description

ggplot theme in the style of WEB DuBois without any grid

Usage

```
theme_dubois_classic(  
  base_size = 11,  
  base_family = "Roboto Condensed",  
  base_line_size = base_size/170,  
  base_rect_size = base_size/170,  
  legend_position = NULL,  
  bg_fill = "antiquewhite1"  
)
```

Arguments

base_size	font size to use
base_family	font family to use
base_line_size	equal to the param in theme_minimal
legend_position	equal to the param in theme
bg_fill	background colour
base_grid_size	equal to the param in ggplot2::theme_minimal

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