Package: warwickplots (via r-universe)

October 12, 2026

Title Palettes and Themes Consistent with The University of Warwick's Brand

Version 0.1.0

Description Colour palettes and a 'ggplot2' theme that are consistent with The University of Warwick' branding. Built using the 'palettes' package, which provides methods for printing, formatting, casting and coercion, extraction and updating of components, plotting, colour mixing arithmetic, and colour interpolation.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

URL https://github.com/Warwick-Stats-Resources/warwickplots, https://warwick-stats-resources.github.io/warwickplots/

BugReports https://github.com/Warwick-Stats-Resources/warwickplots/issues

Depends palettes, R (>= 2.10)

LazyData true

VignetteBuilder knitr

Imports ggplot2, ggtext

Suggests knitr, rmarkdown, ragg, systemfonts, dplyr, palmerpenguins, maps, scales

Config/pak/sysreqs libicu-dev libjpeg-dev libpng-dev libxml2-dev libssl-dev

Repository https://warwick-stats-resources.r-universe.dev

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`theme_warwick` *ggplot2 theme consistent with Warwick Brand*

Description

`theme_warwick()` is an extension of `ggplot2::theme_minimal()`. See Details.

Usage

```
theme_warwick(base_size = 11, use = c("online", "print"))
```

Arguments

`base_size`	numeric, base size for font
`use`	character, one of "online" or "print" (defaults to "online"), which determines which font is used

Details

`theme_warwick()` is an extension of `ggplot2::theme_minimal()`, offering the following in addition:

- Spacing, giving the text room to breathe
- Uses `ggtext::element_textbox_simple()` for the plot title and subtitle, to enable use of markdown and CSS styling, and text-wrapping if the title/subtitle is long
- Places the legend above the plot
- Uses Lato or Avenir Next font (for online or print use respectively), *if* your system is set up for it

Note that any `theme_warwick()` defaults can be overridden with a subsequent call to `theme()`.

For further details, including how to ensure your system is set up to use custom fonts, see the warwickplots vignette. For more examples, see the using warwickplots with ggplot2 vignette.

Examples

```
## Not run:
ggplot2::ggplot(mtcars, ggplot2::aes(mpg, wt)) +
   ggplot2::geom_point() +
   ggplot2::labs(title = "A demo plot") +
   theme_warwick()

## End(Not run)
```

warwick_palettes *University of Warwick brand palettes*

Description

Palettes consistent with The University of Warwick's brand.

Usage

```
warwick_palettes

warwick_palettes_discrete

warwick_palettes_sequential

warwick_palettes_divergent
```

Format

`warwick_palettes`:
An object of class `palettes_palette` with 6 colour palettes.

`warwick_palettes_discrete`:
An object of class `palettes_palette` with 1 discrete colour palettes.

`warwick_palettes_sequential`:
An object of class `palettes_palette` with 3 sequential colour palettes.

`warwick_palettes_divergent`:
An object of class `palettes_palette` with 2 sequential colour palettes.

Details

For more information on the University of Warwick's brand colours, see https://warwick.ac.uk/about/brand/brand-guidelines/colours/.

The primary palette is a combination of the primary brand colour (aubergine) and the five bright accent colours. These are the colours that the brand team uses for the graphs in their PowerPoint template.

The three sequential palettes run between the bright colour and its 30% tint.

Since the primary Warwick brand aubergine is much darker than the bright accent colours, it was too strong as a starting point for the aubergine side of the divergent palettes. To achieve a better balance, `aubergine_ruby` starts with an 80% tint of the primary aubergine, and `aubergine_teal` starts with a 70% tint.

Author(s)

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Source

https://github.com/Warwick-Stats-Resources/warwickplots

See Also

pal_palette(), pal_colour()

Examples

```
# Get all palettes by name
names(warwick_palettes)

# Plot a specific palette
plot(warwick_palettes$primary)

# Subset a palette
warwick_palettes$primary[c(1, 3, 5)]

#' # Plot all palettes
## Not run:
plot(warwick_palettes)

## End(Not run)
```

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