Package 'xaringanthemer'

October 14, 2022

Type Package

Title Custom 'xaringan' CSS Themes

Version 0.4.2

Description Create beautifully color-coordinated and customized themes for your 'xaringan' slides, without writing any CSS. Complete your slide theme with 'ggplot2' themes that match the font and colors used in your slides. Customized styles can be created directly in your slides' 'R Markdown' source file or in a separate external script.

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URL https://pkg.garrickadenbuie.com/xaringanthemer/,
https://github.com/gadenbuie/xaringanthemer

BugReports https://github.com/gadenbuie/xaringanthemer/issues

Depends R (>= 2.10)

Imports colorspace, glue, methods, purrr, utils, whisker

Suggests callr, ggplot2, knitr, mockery, rmarkdown, scales, showtext, sysfonts, testthat (>= 2.1.0), xaringan

VignetteBuilder knitr

Config/Needs/website gadenbuie/grkgdown, pkgdown

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.2.1

NeedsCompilation no

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Repository CRAN

Date/Publication 2022-08-20 18:40:02 UTC

R **topics documented:**

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apply_alpha *Add alpha to hex color*

Description

Applies alpha (or opacity) to a color in hexadecimal form by converting opacity in the [0, 1] range to hex in the [0, 255] range and appending to the hex color.

Usage

```
apply_alpha(color_hex, opacity = 0.5)
```

Arguments

color_hex   A character string representing a hex color

opacity   Desired opacity of the output color

Value

A character string with added opacity level as hexadecimal characters.

Examples

```
blue <- "#0e6ba8"
blue_transparent <- apply_alpha(blue)

if (requireNamespace("scales", quietly = TRUE)) {
  scales::show_col(c(blue, blue_transparent))
}
```

---

choose_dark_or_light   *Choose dark or light color*

Description

Takes a color input as x and returns either the black or white color (or expression) if dark or light text should be used over the input color for best contrast. Follows W3C Recommendations.

Usage

```
choose_dark_or_light(x, black = "#000000", white = "#FFFFFF")
```

Arguments

x	The background color (hex)
black	Text or foreground color, e.g. "#222" or substitute(darken_color(x, 0.8)), if black text provides the best contrast.
white	Text or foreground color or expression, e.g. "#EEE" or substitute(lighten_color(x, 0.8)), if white text provides the best contrast.

Value

The black color or white color according to which color provides the greates contrast with the input color.

References

<https://stackoverflow.com/a/3943023/2022615>

Examples

```
light_green <- "#c4d6b0"
contrast_green <- choose_dark_or_light(light_green)
dark_purple <- "#381d2a"
contrast_purple <- choose_dark_or_light(dark_purple)

if (requireNamespace("scales", quietly = TRUE)) {
  scales::show_col(c(light_green, contrast_green, dark_purple, contrast_purple))
}
```

---

google_font   *Specify Google Font*

Description

Builds Google Fonts URL from family name. Extra weights are given in the `...` parameters. Languages can be specified in `languages` and must one or more of the language codes as given by `google_language_codes()`.

Usage

```
google_font(family, ..., languages = NULL)
```

Arguments

`family`	Font family
`...`	Font weights to include, example "400", "400i"
`languages`	Font languages to include (dependent on the font.) See [google_language_codes()]().

Value

A `"google_font"` object.

Examples

```
google_font("Josefin Sans", "400", "400i", "600i", "700")
google_font("Josefin Sans", languages = c("latin-ext", "vietnamese"))
```

---

google_language_codes *List Valid Google Language Codes*

Description

Gives a list of valid Language Codes for Google Fonts, or validates that the language codes given are valid.

Usage

```
google_language_codes(
  language_codes = c("latin", "latin-ext", "sinhala", "greek", "hebrew", "vietnamese",
    "cyrillic", "cyrillic-ext", "devanagari", "arabic", "khmer", "tamil", "greek-ext",
    "thai", "bengali", "gujarati", "oriya", "malayalam", "gurmukhi", "kannada", "telugu",
     "myanmar")
)
```

Arguments

language_codes   Vector of potential Google language codes

Value

A vector of Google Font language codes matching language_codes.

See Also

google_font()

---

lighten_darken_color   *Generate lighter or darker version of a color*

Description

Produces a linear blend of the color with white or black.

Usage

```
lighten_color(color_hex, strength = 0.7)

darken_color(color_hex, strength = 0.8)
```

Arguments

color_hex   A character string representing a hex color

strength   The "strength" of the blend with white or black, where 0 is entirely the original
                color and 1 is entirely white (lighten_color()) or black (darken_color()).

Value

A character string with the lightened or darkened color in hexadecimal format.

Examples

```
blue <- "#0e6ba8"
blue_light <- lighten_color(blue, strength = 0.33)
blue_dark <- darken_color(blue, strength = 0.33)

if (requireNamespace("scales", quietly = TRUE)) {
  scales::show_col(c(blue_light, blue, blue_dark))
}
```

---

scale_xaringan	*Themed ggplot2 Scales*

Description

[Maturing]

Color and fill single-color scales for discrete and continuous values, created using the primary accent color of the xaringanthemer styles. See `vignette("ggplot2-themes")` for more information and examples of **xaringanthemer**'s **ggplot2**-related functions.

Usage

```
scale_xaringan_discrete(
  aes_type = c("color", "colour", "fill"),
  ...,
  color = NULL,
  direction = 1,
  inverse = FALSE
)

scale_xaringan_fill_discrete(..., color = NULL, direction = 1, inverse = FALSE)

scale_xaringan_color_discrete(
  ...,
  color = NULL,
  direction = 1,
  inverse = FALSE
)

scale_xaringan_colour_discrete(
  ...,
  color = NULL,
  direction = 1,
  inverse = FALSE
)

scale_xaringan_continuous(
  aes_type = c("color", "colour", "fill"),
  ...,
  color = NULL,
  begin = 0,
  end = 1,
  inverse = FALSE
)

scale_xaringan_fill_continuous(
```

```
  ...,
  color = NULL,
  begin = 0,
  end = 1,
  inverse = FALSE
)

scale_xaringan_color_continuous(
  ...,
  color = NULL,
  begin = 0,
  end = 1,
  inverse = FALSE
)

scale_xaringan_colour_continuous(
  ...,
  color = NULL,
  begin = 0,
  end = 1,
  inverse = FALSE
)
```

Arguments

aes_type	The type of aesthetic to which the scale is being applied. One of "color", "colour", or "fill".
...	Arguments passed on to either the **colorspace** scale functions — one of colorspace::scale_color_disc colorspace::scale_color_continuous_sequential(), colorspace::scale_fill_discrete_sequ or colorspace::scale_fill_continuous_sequential() — or to ggplot2::continuous_scale or ggplot2::discrete_scale.
color	A color value, in hex, to override the default color. Otherwise, the primary color of the resulting scale is chosen from the xaringanthemer slide styles.
direction	Direction of the discrete scale. Use values less than 0 to reverse the direction, e.g. direction = -1.
inverse	If color is not supplied and inverse = TRUE, a primary color is chosen to work well with the inverse slide styles, namely the value of inverse_header_color
begin	Number in the range of [0, 1] indicating to which point in the color scale the smallest data value should be mapped.
end	Number in the range of [0, 1] indicating to which point in the color scale the largest data value should be mapped.

Examples

```
# Requires ggplot2
has_ggplot2 <- requireNamespace("ggplot2", quietly = TRUE)
```

```
if (has_ggplot2) {
  library(ggplot2)
  # Saving the theme to a temp file because this is an example
  path_to_css_file <- tempfile(fileext = ".css")

  # Create the xaringan theme: dark blue background with teal green accents
  style_duo(
    primary_color = "#002b36",
    secondary_color = "#31b09e",
    # Using basic fonts for this example, but the plot theme will
    # automatically use your theme font if you use Google fonts
    text_font_family = "sans",
    header_font_family = "serif",
    outfile = path_to_css_file
  )

  # Here's some very basic example data
  ex <- data.frame(
    name = c("Couple", "Few", "Lots", "Many"),
    n = c(2, 3, 5, 7)
  )

  # Fill color scales demo
  ggplot(ex) +
    aes(name, n, fill = n) +
    geom_col() +
    ggtitle("Matching fill scales") +
    # themed to match the slides: dark blue background with teal text
    theme_xaringan() +
    # Fill color matches teal text
    scale_xaringan_fill_continuous()

  # Color scales demo
  ggplot(ex) +
    aes(name, y = 1, color = name) +
    geom_point(size = 10) +
    ggtitle("Matching color scales") +
    # themed to match the slides: dark blue background with teal text
    theme_xaringan() +
    # Fill color matches teal text
    scale_xaringan_color_discrete(direction = -1)
}
```

style_duo   *Duotone Theme*

Description

A duotone theme designed to work well with two complementary colors.

Usage

```
style_duo(
  primary_color = "#1F4257",
  secondary_color = "#F97B64",
  text_color = choose_dark_or_light(primary_color, darken_color(primary_color, 0.9),
    lighten_color(secondary_color, 0.99)),
  header_color = secondary_color,
  background_color = primary_color,
  link_color = secondary_color,
  text_bold_color = secondary_color,
  text_slide_number_color = text_color,
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "rgba(255,255,0,0.5)",
  code_inline_color = secondary_color,
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = secondary_color,
  inverse_text_color = primary_color,
  inverse_text_shadow = FALSE,
  inverse_header_color = inverse_text_color,
  inverse_link_color = link_color,
  title_slide_text_color = secondary_color,
  title_slide_background_color = primary_color,
  title_slide_background_image = NULL,
  title_slide_background_size = NULL,
  title_slide_background_position = NULL,
  footnote_color = NULL,
  footnote_font_size = "0.9em",
  footnote_position_bottom = "60px",
  left_column_subtle_color = apply_alpha(secondary_color, 0.6),
  left_column_selected_color = secondary_color,
  blockquote_left_border_color = apply_alpha(secondary_color, 0.5),
  table_border_color = "#666",
  table_row_border_color = "#ddd",
  table_row_even_background_color = lighten_color(primary_color, 0.9),
  base_font_size = "20px",
  text_font_size = "1rem",
  header_h1_font_size = "2.75rem",
  header_h2_font_size = "2.25rem",
  header_h3_font_size = "1.75rem",
  header_background_auto = FALSE,
  header_background_color = header_color,
  header_background_text_color = background_color,
  header_background_padding = NULL,
  header_background_content_padding_top = "7rem",
```

```
  header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
  text_slide_number_font_size = "0.9rem",
  text_font_google = NULL,
  text_font_family = xaringanthemer_font_default("text_font_family"),
  text_font_weight = xaringanthemer_font_default("text_font_weight"),
  text_bold_font_weight = "bold",
  text_font_url = xaringanthemer_font_default("text_font_url"),
 text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
  text_font_base = "sans-serif",
  header_font_google = NULL,
  header_font_family = xaringanthemer_font_default("header_font_family"),
  header_font_weight = xaringanthemer_font_default("header_font_weight"),
  header_font_family_fallback = "Georgia, serif",
  header_font_url = xaringanthemer_font_default("header_font_url"),
  code_font_google = NULL,
  code_font_family = xaringanthemer_font_default("code_font_family"),
  code_font_size = "0.9rem",
  code_font_url = xaringanthemer_font_default("code_font_url"),
 code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
  link_decoration = "none",
  colors = NULL,
  extra_css = NULL,
  extra_fonts = NULL,
  outfile = "xaringan-themer.css"
)
```

Arguments

primary_color   Duotone Primary Color. Defaults to #1F4257. Used in multiple CSS rules. The
                   value of this variable is also stored as a CSS variable that can be referenced with
                   var(--primary) in any argument of a style function or in custom CSS.

secondary_color
                   Duotone Secondary Color. Defaults to #F97B64. Used in multiple CSS rules.
                   The value of this variable is also stored as a CSS variable that can be referenced
                   with var(--secondary) in any argument of a style function or in custom CSS.

text_color   Text Color. Defaults to choose_dark_or_light(primary_color, darken_color(primary_color,
                   0.9), lighten_color(secondary_color, 0.99)). Modifies the body element.
                   The value of this variable is also stored as a CSS variable that can be referenced
                   with var(--text_color) in any argument of a style function or in custom CSS.

header_color   Header Color. Defaults to secondary_color. Modifies the h1, h2, h3 ele-
                   ments. The value of this variable is also stored as a CSS variable that can be
                   referenced with var(--header-color) in any argument of a style function or
                   in custom CSS.

background_color
                   Slide Background Color. Defaults to primary_color. Modifies the .remark-slide-content
                   class. The value of this variable is also stored as a CSS variable that can be ref-
                   erenced with var(--background-color) in any argument of a style function
                   or in custom CSS.

link_color   Link Color. Defaults to secondary_color. Modifies the a, a > code elements.
                    The value of this variable is also stored as a CSS variable that can be referenced
                    with var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color

                    Bold Text Color. Defaults to secondary_color. Modifies the strong element.
                    The value of this variable is also stored as a CSS variable that can be refer-
                    enced with var(--text-bold-color) in any argument of a style function or in
                    custom CSS.

text_slide_number_color

                    Slide Number Color. Defaults to text_color. Modifies the .remark-slide-number
                    class.

padding   Slide Padding in top right [bottom left] format. Defaults to 16px 64px
                    16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding
                    property values.

background_image

                    Background image applied to each *and every* slide. Set title_slide_background_image
                    = "none" to remove the background image from the title slide. Defaults to NULL.
                    Modifies the .remark-slide-content class.

background_size

                    Background image size, requires background_image to be set. If background_image
                    is set, background_size will default to cover so the background fills the screen.
                    If both background_image and background_position are set, will default to
                    100 percent. Defaults to NULL. Modifies the .remark-slide-content class.
                    Accepts CSS background-size property values.

background_position

                    Background image position, requires background_image to be set, and it is rec-
                    ommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content
                    class. Accepts CSS background-position property values.

code_highlight_color

                    Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the .remark-code-line-highlighted
                    class. The value of this variable is also stored as a CSS variable that can be refer-
                    enced with var(--code-highlight-color) in any argument of a style function
                    or in custom CSS.

code_inline_color

                    Inline Code Color. Defaults to secondary_color. Modifies the .remark-inline-code
                    class.

code_inline_background_color

                    Inline Code Background Color. Defaults to NULL. Modifies the .remark-inline-code
                    class.

code_inline_font_size

                    Inline Code Text Font Size. Defaults to 1em. Modifies the .remark-inline-code
                    class. Accepts CSS font-size property values. The value of this variable is also
                    stored as a CSS variable that can be referenced with var(--code-inline-font-size)
                    in any argument of a style function or in custom CSS.

inverse_background_color

                    Inverse Background Color. Defaults to secondary_color. Modifies the .inverse
                    class. The value of this variable is also stored as a CSS variable that can be ref-

erenced with `var(--inverse-background-color)` in any argument of a style function or in custom CSS.

inverse_text_color

Inverse Text Color. Defaults to `primary_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

inverse_text_shadow

Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

Inverse Header Color. Defaults to `inverse_text_color`. Modifies the `.inverse h1, .inverse h2, .ir` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-header-color)` in any argument of a style function or in custom CSS.

inverse_link_color

Inverse Link Color. Defaults to `link_color`. Modifies the `.inverse a, .inverse a > code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-link-color)` in any argument of a style function or in custom CSS.

title_slide_text_color

Title Slide Text Color. Defaults to `secondary_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-text-color)` in any argument of a style function or in custom CSS.

title_slide_background_color

Title Slide Background Color. Defaults to `primary_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-background-color)` in any argument of a style function or in custom CSS.

title_slide_background_image

Title Slide Background Image URL. Defaults to `NULL`. Modifies the `.title-slide` class.

title_slide_background_size

Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-size](#) property values.

title_slide_background_position

Title Slide Background Image Position. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-position](#) property values.

footnote_color   Footnote text color (if `NA`, then it will be the same color as `text_color`). Defaults to `NULL`. Modifies the `.footnote` class.

footnote_font_size

Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS [font-size](#) property values.

footnote_position_bottom

Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS [position](#) property values.

left_column_subtle_color

> Left Column Text (not last). Defaults to apply_alpha(secondary_color, 0.6). Modifies the .left-column h2, .left-column h3 classes.

left_column_selected_color

> Left Column Current Selection. Defaults to secondary_color. Modifies the .left-column h2:last-of-type, .left-column h3:last-child classes.

blockquote_left_border_color

> Blockquote Left Border Color. Defaults to apply_alpha(secondary_color, 0.5). Modifies the blockquote element.

table_border_color

> Table top/bottom border. Defaults to #666. Modifies the table: border-top, border-bottom elements.

table_row_border_color

> Table row inner bottom border. Defaults to #ddd. Modifies the table thead th: border-bottom elements.

table_row_even_background_color

> Table Even Row Background Color. Defaults to lighten_color(primary_color, 0.9). Modifies the thead, tfoot, tr:nth-child(even) elements.

base_font_size Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the html element. The value of this variable is also stored as a CSS variable that can be referenced with var(--base-font-size) in any argument of a style function or in custom CSS.

text_font_size Slide Body Text Font Size. Defaults to 1rem. Modifies the .remark-slide-content class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-font-size) in any argument of a style function or in custom CSS.

header_h1_font_size

> h1 Header Text Font Size. Defaults to 2.75rem. Modifies the .remark-slide-content h1 class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-h1-font-size) in any argument of a style function or in custom CSS.

header_h2_font_size

> h2 Header Text Font Size. Defaults to 2.25rem. Modifies the .remark-slide-content h2 class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-h2-font-size) in any argument of a style function or in custom CSS.

header_h3_font_size

> h3 Header Text Font Size. Defaults to 1.75rem. Modifies the .remark-slide-content h3 class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-h3-font-size) in any argument of a style function or in custom CSS.

header_background_auto

> Add background under slide title automatically for h1 header elements. If not enabled, use class: header_background to enable. Defaults to FALSE.

header_background_color

> Background Color for h1 Header with Background. Defaults to header_color. Modifies the .remark-slide-content h1 class. The value of this variable is

                              also stored as a CSS variable that can be referenced with var(--header-background-color)
                              in any argument of a style function or in custom CSS.

header_background_text_color

                              Text Color for h1 Header with Background. Defaults to background_color.
                              Modifies the .remark-slide-content h1 class. The value of this variable is
                              also stored as a CSS variable that can be referenced with var(--header-background-text-color)
                              in any argument of a style function or in custom CSS.

header_background_padding

                              Padding for h1 Header with Background. Defaults to NULL. Modifies the .remark-slide-content h1
                              class. Accepts CSS padding property values.

header_background_content_padding_top

                              Top Padding for Content in Slide with Header with Background. Defaults to
                              7rem. Modifies the .remark-slide-content class.

header_background_ignore_classes

                              Slide Classes Where Header with Background will not be Applied. Defaults
                              to c('normal', 'inverse', 'title', 'middle', 'bottom'). Modifies the
                              .remark-slide-content class.

text_slide_number_font_size

                              Slide Number Text Font Size. Defaults to 0.9rem. Modifies the .remark-slide-number
                              class. Accepts CSS font-size property values.

text_font_google

                              Use google_font() to specify body font. Defaults to NULL. Modifies the body
                              element.

text_font_family

                              Body Text Font Family (xaringan default is 'Droid Serif'). Defaults to xaringanthemer_font_defaul
                              Modifies the body element. The value of this variable is also stored as a CSS
                              variable that can be referenced with var(--text-font-family) in any argu-
                              ment of a style function or in custom CSS.

text_font_weight

                              Body Text Font Weight. Defaults to xaringanthemer_font_default("text_font_weight").
                              Modifies the body element. Accepts CSS font-weight property values.

text_bold_font_weight

                              Body Bold Text Font Weight. Defaults to bold. Modifies the strong element.

text_font_url   Body Text Font URL(s). Defaults to xaringanthemer_font_default("text_font_url").
                              Modifies the @import url() elements.

text_font_family_fallback

                              Body Text Font Fallbacks. Defaults to xaringanthemer_font_default("text_font_family_fallbac
                              Modifies the body element. The value of this variable is also stored as a CSS
                              variable that can be referenced with var(--text-font-family-fallback) in
                              any argument of a style function or in custom CSS.

text_font_base   Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies
                              the body element. The value of this variable is also stored as a CSS variable that
                              can be referenced with var(--text-font-base) in any argument of a style
                              function or in custom CSS.

header_font_google

                              Use google_font() to specify header font. Defaults to NULL. Modifies the body
                              element.

header_font_family

> Header Font Family (xaringan default is `'Yanone Kaffeesatz'`). Defaults to `xaringanthemer_font_default("header_font_family")`. Modifies the `h1, h2, h3` elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family)` in any argument of a style function or in custom CSS.

header_font_weight

> Header Font Weight. Defaults to `xaringanthemer_font_default("header_font_weight")`. Modifies the `h1, h2, h3` elements. Accepts CSS [font-weight](#) property values.

header_font_family_fallback

> Header Font Family Fallback. Defaults to Georgia, serif. Modifies the `h1, h2, h3` elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family-fallback)` in any argument of a style function or in custom CSS.

header_font_url

> Header Font URL. Defaults to `xaringanthemer_font_default("header_font_url")`. Modifies the `@import url` elements.

code_font_google

> Use `google_font()` to specify code font. Defaults to `NULL`. Modifies the body element.

code_font_family

> Code Font Family. Defaults to `xaringanthemer_font_default("code_font_family")`. Modifies the `.remark-code, .remark-inline-code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-family)` in any argument of a style function or in custom CSS.

code_font_size   Code Text Font Size. Defaults to 0.9rem. Modifies the `.remark-inline` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-size)` in any argument of a style function or in custom CSS.

code_font_url   Code Font URL. Defaults to `xaringanthemer_font_default("code_font_url")`. Modifies the `@import url` elements.

code_font_family_fallback

> Code Font Fallback. Defaults to `xaringanthemer_font_default("code_font_family_fallback")`. Modifies the `.remark-code, .remark-inline-code` classes.

link_decoration

> Text decoration of links. Defaults to none. Modifies the `a, a > code` elements. Accepts CSS [text-decoration](#) property values.

colors   A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, `colors = c(blue = "#bad4ed")` adds a CSS variable `--blue`, a `.blue` CSS class that applies the color to the text or foreground color, and a `.bg-blue` CSS class that applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. `list(".class-id" = list("css-property" = "value"))`.

extra_fonts   A list of additional fonts to import, each list element can be either a URL as a character string or a call to [google_font](#)(). To use a font imported in

extra_fonts, you will need to write custom CSS rules that apply the font to
an element or class with the font-family property. See the **Fonts** section of
vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css).
If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as
your CSS file in your slides' YAML header. If you change the name of the output file using the
outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: style_duo_accent_inverse(), style_duo_accent(), style_mono_accent_inverse(),
style_mono_accent(), style_mono_dark(), style_mono_light(), style_solarized_dark(),
style_solarized_light(), xaringanthemer_font_default()

Other Duotone themes: style_duo_accent_inverse(), style_duo_accent()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_duo(
  primary_color = "#1f4257",
  secondary_color = "#f97b64",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

---

style_duo_accent *Duotone Accent Theme*

Description

An default xaringan theme with a two colors used for color accents on select elements (headers, bold text, etc.).

Usage

```
style_duo_accent(
  primary_color = "#035AA6",
  secondary_color = "#03A696",
  white_color = "#FFFFFF",
  black_color = "#000000",
  text_color = black_color,
  header_color = primary_color,
  background_color = white_color,
  link_color = choose_dark_or_light(secondary_color, primary_color, secondary_color),
  text_bold_color = choose_dark_or_light(secondary_color, primary_color, secondary_color),
  text_slide_number_color = primary_color,
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "rgba(255,255,0,0.5)",
  code_inline_color = choose_dark_or_light(secondary_color, primary_color,
    secondary_color),
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = secondary_color,
  inverse_text_color = choose_dark_or_light(secondary_color, black_color, white_color),
  inverse_text_shadow = FALSE,
  inverse_header_color = inverse_text_color,
  inverse_link_color = link_color,
  title_slide_text_color = choose_dark_or_light(primary_color, black_color, white_color),
  title_slide_background_color = primary_color,
  title_slide_background_image = NULL,
  title_slide_background_size = NULL,
  title_slide_background_position = NULL,
  footnote_color = NULL,
  footnote_font_size = "0.9em",
  footnote_position_bottom = "60px",
  left_column_subtle_color = apply_alpha(primary_color, 0.6),
  left_column_selected_color = primary_color,
  blockquote_left_border_color = apply_alpha(secondary_color, 0.5),
  table_border_color = "#666",
```

```
     table_row_border_color = "#ddd",
     table_row_even_background_color = lighten_color(secondary_color, 0.8),
     base_font_size = "20px",
     text_font_size = "1rem",
     header_h1_font_size = "2.75rem",
     header_h2_font_size = "2.25rem",
     header_h3_font_size = "1.75rem",
     header_background_auto = FALSE,
     header_background_color = header_color,
     header_background_text_color = background_color,
     header_background_padding = NULL,
     header_background_content_padding_top = "7rem",
   header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
     text_slide_number_font_size = "0.9rem",
     text_font_google = NULL,
     text_font_family = xaringanthemer_font_default("text_font_family"),
     text_font_weight = xaringanthemer_font_default("text_font_weight"),
     text_bold_font_weight = "bold",
     text_font_url = xaringanthemer_font_default("text_font_url"),
   text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
     text_font_base = "sans-serif",
     header_font_google = NULL,
     header_font_family = xaringanthemer_font_default("header_font_family"),
     header_font_weight = xaringanthemer_font_default("header_font_weight"),
     header_font_family_fallback = "Georgia, serif",
     header_font_url = xaringanthemer_font_default("header_font_url"),
     code_font_google = NULL,
     code_font_family = xaringanthemer_font_default("code_font_family"),
     code_font_size = "0.9rem",
     code_font_url = xaringanthemer_font_default("code_font_url"),
   code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
     link_decoration = "none",
     colors = NULL,
     extra_css = NULL,
     extra_fonts = NULL,
     outfile = "xaringan-themer.css"
   )
```

Arguments

primary_color   Duotone Primary Color. Defaults to #035AA6. Used in multiple CSS rules. The
                 value of this variable is also stored as a CSS variable that can be referenced with
                 var(--primary) in any argument of a style function or in custom CSS.

secondary_color
                 Duotone Secondary Color. Defaults to #03A696. Used in multiple CSS rules.
                 The value of this variable is also stored as a CSS variable that can be referenced
                 with var(--secondary) in any argument of a style function or in custom CSS.

white_color   Brightest color used. Defaults to #FFFFFF. Used in multiple CSS rules. The

value of this variable is also stored as a CSS variable that can be referenced with
var(--white) in any argument of a style function or in custom CSS.

black_color   Darkest color used. Defaults to #000000. Used in multiple CSS rules. The
value of this variable is also stored as a CSS variable that can be referenced with
var(--black) in any argument of a style function or in custom CSS.

text_color   Text Color. Defaults to black_color. Modifies the body element. The value
of this variable is also stored as a CSS variable that can be referenced with
var(--text_color) in any argument of a style function or in custom CSS.

header_color   Header Color. Defaults to primary_color. Modifies the h1, h2, h3 elements.
The value of this variable is also stored as a CSS variable that can be referenced
with var(--header-color) in any argument of a style function or in custom
CSS.

background_color

Slide Background Color. Defaults to white_color. Modifies the .remark-slide-content
class. The value of this variable is also stored as a CSS variable that can be ref-
erenced with var(--background-color) in any argument of a style function
or in custom CSS.

link_color   Link Color. Defaults to choose_dark_or_light(secondary_color, primary_color,
secondary_color). Modifies the a, a > code elements. The value of this vari-
able is also stored as a CSS variable that can be referenced with var(--link-color)
in any argument of a style function or in custom CSS.

text_bold_color

Bold Text Color. Defaults to choose_dark_or_light(secondary_color, primary_color,
secondary_color). Modifies the strong element. The value of this variable is
also stored as a CSS variable that can be referenced with var(--text-bold-color)
in any argument of a style function or in custom CSS.

text_slide_number_color

Slide Number Color. Defaults to primary_color. Modifies the .remark-slide-number
class.

padding   Slide Padding in top right [bottom left] format. Defaults to 16px 64px
16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding
property values.

background_image

Background image applied to each *and every* slide. Set title_slide_background_image
= "none" to remove the background image from the title slide. Defaults to NULL.
Modifies the .remark-slide-content class.

background_size

Background image size, requires background_image to be set. If background_image
is set, background_size will default to cover so the background fills the screen.
If both background_image and background_position are set, will default to
100 percent. Defaults to NULL. Modifies the .remark-slide-content class.
Accepts CSS background-size property values.

background_position

Background image position, requires background_image to be set, and it is rec-
ommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content
class. Accepts CSS background-position property values.

code_highlight_color

>   Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the `.remark-code-line-highlighted`
>   class. The value of this variable is also stored as a CSS variable that can be refer-
>   enced with `var(--code-highlight-color)` in any argument of a style function
>   or in custom CSS.

code_inline_color

>   Inline Code Color. Defaults to `choose_dark_or_light(secondary_color,`
>   `primary_color, secondary_color)`. Modifies the `.remark-inline-code` class.

code_inline_background_color

>   Inline Code Background Color. Defaults to `NULL`. Modifies the `.remark-inline-code`
>   class.

code_inline_font_size

>   Inline Code Text Font Size. Defaults to 1em. Modifies the `.remark-inline-code`
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with `var(--code-inline-font-size)`
>   in any argument of a style function or in custom CSS.

inverse_background_color

>   Inverse Background Color. Defaults to `secondary_color`. Modifies the `.inverse`
>   class. The value of this variable is also stored as a CSS variable that can be ref-
>   erenced with `var(--inverse-background-color)` in any argument of a style
>   function or in custom CSS.

inverse_text_color

>   Inverse Text Color. Defaults to `choose_dark_or_light(secondary_color,`
>   `black_color, white_color)`. Modifies the `.inverse` class. The value of this
>   variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)`
>   in any argument of a style function or in custom CSS.

inverse_text_shadow

>   Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the
>   `.inverse` class.

inverse_header_color

>   Inverse Header Color. Defaults to `inverse_text_color`. Modifies the `.inverse h1, .inverse h2, .inverse h3`
>   classes. The value of this variable is also stored as a CSS variable that can be
>   referenced with `var(--inverse-header-color)` in any argument of a style
>   function or in custom CSS.

inverse_link_color

>   Inverse Link Color. Defaults to `link_color`. Modifies the `.inverse a, .inverse a > code`
>   classes. The value of this variable is also stored as a CSS variable that can be ref-
>   erenced with `var(--inverse-link-color)` in any argument of a style function
>   or in custom CSS.

title_slide_text_color

>   Title Slide Text Color. Defaults to `choose_dark_or_light(primary_color,`
>   `black_color, white_color)`. Modifies the `.title-slide` class. The value
>   of this variable is also stored as a CSS variable that can be referenced with
>   `var(--title-slide-text-color)` in any argument of a style function or in
>   custom CSS.

title_slide_background_color

>   Title Slide Background Color. Defaults to `primary_color`. Modifies the `.title-slide`
>   class. The value of this variable is also stored as a CSS variable that can be ref-

erenced with `var(--title-slide-background-color)` in any argument of a style function or in custom CSS.

title_slide_background_image

Title Slide Background Image URL. Defaults to `NULL`. Modifies the `.title-slide` class.

title_slide_background_size

Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS background-size property values.

title_slide_background_position

Title Slide Background Image Position. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS background-position property values.

footnote_color   Footnote text color (if NA, then it will be the same color as `text_color`). Defaults to `NULL`. Modifies the `.footnote` class.

footnote_font_size

Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS font-size property values.

footnote_position_bottom

Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS position property values.

left_column_subtle_color

Left Column Text (not last). Defaults to `apply_alpha(primary_color, 0.6)`. Modifies the `.left-column h2`, `.left-column h3` classes.

left_column_selected_color

Left Column Current Selection. Defaults to `primary_color`. Modifies the `.left-column h2:last-of-type`, `.left-column h3:last-child` classes.

blockquote_left_border_color

Blockquote Left Border Color. Defaults to `apply_alpha(secondary_color, 0.5)`. Modifies the `blockquote` element.

table_border_color

Table top/bottom border. Defaults to #666. Modifies the `table: border-top, border-bottom` elements.

table_row_border_color

Table row inner bottom border. Defaults to #ddd. Modifies the `table thead th: border-bottom` elements.

table_row_even_background_color

Table Even Row Background Color. Defaults to `lighten_color(secondary_color, 0.8)`. Modifies the `thead, tfoot, tr:nth-child(even)` elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the `html` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--base-font-size)` in any argument of a style function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-size)` in any argument of a style function or in custom CSS.

header_h1_font_size

> h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1`
> class. Accepts CSS font-size property values. The value of this variable is also
> stored as a CSS variable that can be referenced with `var(--header-h1-font-size)`
> in any argument of a style function or in custom CSS.

header_h2_font_size

> h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2`
> class. Accepts CSS font-size property values. The value of this variable is also
> stored as a CSS variable that can be referenced with `var(--header-h2-font-size)`
> in any argument of a style function or in custom CSS.

header_h3_font_size

> h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3`
> class. Accepts CSS font-size property values. The value of this variable is also
> stored as a CSS variable that can be referenced with `var(--header-h3-font-size)`
> in any argument of a style function or in custom CSS.

header_background_auto

> Add background under slide title automatically for h1 header elements. If not
> enabled, use `class: header_background` to enable. Defaults to `FALSE`.

header_background_color

> Background Color for h1 Header with Background. Defaults to `header_color`.
> Modifies the `.remark-slide-content h1` class. The value of this variable is
> also stored as a CSS variable that can be referenced with `var(--header-background-color)`
> in any argument of a style function or in custom CSS.

header_background_text_color

> Text Color for h1 Header with Background. Defaults to `background_color`.
> Modifies the `.remark-slide-content h1` class. The value of this variable is
> also stored as a CSS variable that can be referenced with `var(--header-background-text-color)`
> in any argument of a style function or in custom CSS.

header_background_padding

> Padding for h1 Header with Background. Defaults to `NULL`. Modifies the `.remark-slide-content h1`
> class. Accepts CSS padding property values.

header_background_content_padding_top

> Top Padding for Content in Slide with Header with Background. Defaults to
> 7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

> Slide Classes Where Header with Background will not be Applied. Defaults
> to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the
> `.remark-slide-content` class.

text_slide_number_font_size

> Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number`
> class. Accepts CSS font-size property values.

text_font_google

> Use `google_font()` to specify body font. Defaults to `NULL`. Modifies the body
> element.

text_font_family

> Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to `xaringanthemer_font_defaul`
> Modifies the body element. The value of this variable is also stored as a CSS

          variable that can be referenced with `var(--text-font-family)` in any argument of a style function or in custom CSS.

`text_font_weight`

          Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`. Modifies the body element. Accepts CSS font-weight property values.

`text_bold_font_weight`

          Body Bold Text Font Weight. Defaults to bold. Modifies the `strong` element.

`text_font_url`   Body Text Font URL(s). Defaults to `xaringanthemer_font_default("text_font_url")`. Modifies the `@import url()` elements.

`text_font_family_fallback`

          Body Text Font Fallbacks. Defaults to `xaringanthemer_font_default("text_font_family_fallback")`. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-family-fallback)` in any argument of a style function or in custom CSS.

`text_font_base` Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-base)` in any argument of a style function or in custom CSS.

`header_font_google`

          Use `google_font()` to specify header font. Defaults to NULL. Modifies the body element.

`header_font_family`

          Header Font Family (xaringan default is `'Yanone Kaffeesatz'`). Defaults to `xaringanthemer_font_default("header_font_family")`. Modifies the `h1`, `h2`, `h3` elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family)` in any argument of a style function or in custom CSS.

`header_font_weight`

          Header Font Weight. Defaults to `xaringanthemer_font_default("header_font_weight")`. Modifies the `h1`, `h2`, `h3` elements. Accepts CSS font-weight property values.

`header_font_family_fallback`

          Header Font Family Fallback. Defaults to Georgia, serif. Modifies the `h1`, `h2`, `h3` elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family-fallback)` in any argument of a style function or in custom CSS.

`header_font_url`

          Header Font URL. Defaults to `xaringanthemer_font_default("header_font_url")`. Modifies the `@import url` elements.

`code_font_google`

          Use `google_font()` to specify code font. Defaults to NULL. Modifies the body element.

`code_font_family`

          Code Font Family. Defaults to `xaringanthemer_font_default("code_font_family")`. Modifies the `.remark-code`, `.remark-inline-code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-family)` in any argument of a style function or in custom CSS.

code_font_size	Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-size) in any argument of a style function or in custom CSS.
code_font_url	Code Font URL. Defaults to xaringanthemer_font_default("code_font_url"). Modifies the @import url elements.
code_font_family_fallback	
	Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback"). Modifies the .remark-code, .remark-inline-code classes.
link_decoration	
	Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS [text-decoration](#) property values.
colors	A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors = c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.
extra_css	A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).
extra_fonts	A list of additional fonts to import, each list element can be either a URL as a character string or a call to [google_font](#)(). To use a font imported in extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.
outfile	Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as your CSS file in your slides' YAML header. If you change the name of the output file using the outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: [style_duo_accent_inverse](#)(), [style_duo](#)(), [style_mono_accent_inverse](#)(), [style_mono_accent](#)(), [style_mono_dark](#)(), [style_mono_light](#)(), [style_solarized_dark](#)(), [style_solarized_light](#)(), [xaringanthemer_font_default](#)()

Other Duotone themes: [style_duo_accent_inverse](#)(), [style_duo](#)()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_duo_accent(
  primary_color = "#006747",
  secondary_color = "#cfc493",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

```
style_duo_accent_inverse
                    Duotone Accent Inverse Theme
```

Description

An "inverted" default xaringan theme with a two colors used for color accents on select elements
(headers, bold text, etc.).

Usage

```
style_duo_accent_inverse(
  primary_color = "#035AA6",
  secondary_color = "#03A696",
  white_color = "#FFFFFF",
  black_color = "#000000",
  text_color = white_color,
  header_color = primary_color,
  background_color = black_color,
  link_color = choose_dark_or_light(secondary_color, secondary_color, primary_color),
  text_bold_color = choose_dark_or_light(secondary_color, secondary_color, primary_color),
  text_slide_number_color = primary_color,
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "rgba(255,255,0,0.5)",
  code_inline_color = choose_dark_or_light(secondary_color, secondary_color,
    primary_color),
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = secondary_color,
  inverse_text_color = choose_dark_or_light(secondary_color, black_color, white_color),
  inverse_text_shadow = FALSE,
```

```
 inverse_header_color = inverse_text_color,
 inverse_link_color = link_color,
title_slide_text_color = choose_dark_or_light(primary_color, black_color, white_color),
 title_slide_background_color = primary_color,
 title_slide_background_image = NULL,
 title_slide_background_size = NULL,
 title_slide_background_position = NULL,
 footnote_color = NULL,
 footnote_font_size = "0.9em",
 footnote_position_bottom = "60px",
 left_column_subtle_color = apply_alpha(primary_color, 0.6),
 left_column_selected_color = primary_color,
 blockquote_left_border_color = apply_alpha(secondary_color, 0.5),
 table_border_color = "#666",
 table_row_border_color = "#ddd",
table_row_even_background_color = darken_color(choose_dark_or_light(primary_color,
    secondary_color, primary_color), 0.2),
 base_font_size = "20px",
 text_font_size = "1rem",
 header_h1_font_size = "2.75rem",
 header_h2_font_size = "2.25rem",
 header_h3_font_size = "1.75rem",
 header_background_auto = FALSE,
 header_background_color = header_color,
 header_background_text_color = background_color,
 header_background_padding = NULL,
 header_background_content_padding_top = "7rem",
header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
 text_slide_number_font_size = "0.9rem",
 text_font_google = NULL,
 text_font_family = xaringanthemer_font_default("text_font_family"),
 text_font_weight = xaringanthemer_font_default("text_font_weight"),
 text_bold_font_weight = "bold",
 text_font_url = xaringanthemer_font_default("text_font_url"),
text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
 text_font_base = "sans-serif",
 header_font_google = NULL,
 header_font_family = xaringanthemer_font_default("header_font_family"),
 header_font_weight = xaringanthemer_font_default("header_font_weight"),
 header_font_family_fallback = "Georgia, serif",
 header_font_url = xaringanthemer_font_default("header_font_url"),
 code_font_google = NULL,
 code_font_family = xaringanthemer_font_default("code_font_family"),
 code_font_size = "0.9rem",
 code_font_url = xaringanthemer_font_default("code_font_url"),
code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
 link_decoration = "none",
 colors = NULL,
```

```
    extra_css = NULL,
    extra_fonts = NULL,
    outfile = "xaringan-themer.css"
)
```

Arguments

primary_color   Duotone Primary Color. Defaults to #035AA6. Used in multiple CSS rules. The
                       value of this variable is also stored as a CSS variable that can be referenced with
                       `var(--primary)` in any argument of a style function or in custom CSS.

secondary_color

                       Duotone Secondary Color. Defaults to #03A696. Used in multiple CSS rules.
                       The value of this variable is also stored as a CSS variable that can be referenced
                       with `var(--secondary)` in any argument of a style function or in custom CSS.

white_color   Brightest color used. Defaults to #FFFFFF. Used in multiple CSS rules. The
                       value of this variable is also stored as a CSS variable that can be referenced with
                       `var(--white)` in any argument of a style function or in custom CSS.

black_color   Darkest color used. Defaults to #000000. Used in multiple CSS rules. The
                       value of this variable is also stored as a CSS variable that can be referenced with
                       `var(--black)` in any argument of a style function or in custom CSS.

text_color   Text Color. Defaults to `white_color`. Modifies the body element. The value
                       of this variable is also stored as a CSS variable that can be referenced with
                       `var(--text_color)` in any argument of a style function or in custom CSS.

header_color   Header Color. Defaults to `primary_color`. Modifies the `h1`, `h2`, `h3` elements.
                       The value of this variable is also stored as a CSS variable that can be referenced
                       with `var(--header-color)` in any argument of a style function or in custom
                       CSS.

background_color

                       Slide Background Color. Defaults to `black_color`. Modifies the `.remark-slide-content`
                       class. The value of this variable is also stored as a CSS variable that can be ref-
                       erenced with `var(--background-color)` in any argument of a style function
                       or in custom CSS.

link_color   Link Color. Defaults to `choose_dark_or_light(secondary_color, secondary_color,`
                       `primary_color)`. Modifies the `a`, `a > code` elements. The value of this vari-
                       able is also stored as a CSS variable that can be referenced with `var(--link-color)`
                       in any argument of a style function or in custom CSS.

text_bold_color

                       Bold Text Color. Defaults to `choose_dark_or_light(secondary_color, secondary_color,`
                       `primary_color)`. Modifies the `strong` element. The value of this variable is
                       also stored as a CSS variable that can be referenced with `var(--text-bold-color)`
                       in any argument of a style function or in custom CSS.

text_slide_number_color

                       Slide Number Color. Defaults to `primary_color`. Modifies the `.remark-slide-number`
                       class.

padding   Slide Padding in `top right [bottom left]` format. Defaults to 16px 64px
                       16px 64px. Modifies the `.remark-slide-content` class. Accepts CSS padding
                       property values.

background_image

    Background image applied to each *and every* slide. Set `title_slide_background_image` = "none" to remove the background image from the title slide. Defaults to `NULL`. Modifies the `.remark-slide-content` class.

background_size

    Background image size, requires `background_image` to be set. If `background_image` is set, `background_size` will default to `cover` so the background fills the screen. If both `background_image` and `background_position` are set, will default to 100 percent. Defaults to `NULL`. Modifies the `.remark-slide-content` class. Accepts CSS [background-size](#) property values.

background_position

    Background image position, requires `background_image` to be set, and it is recommended to adjust `background_size`. Defaults to `NULL`. Modifies the `.remark-slide-content` class. Accepts CSS [background-position](#) property values.

code_highlight_color

    Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the `.remark-code-line-highlighted` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-highlight-color)` in any argument of a style function or in custom CSS.

code_inline_color

    Inline Code Color. Defaults to `choose_dark_or_light(secondary_color, secondary_color, primary_color)`. Modifies the `.remark-inline-code` class.

code_inline_background_color

    Inline Code Background Color. Defaults to `NULL`. Modifies the `.remark-inline-code` class.

code_inline_font_size

    Inline Code Text Font Size. Defaults to 1em. Modifies the `.remark-inline-code` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-inline-font-size)` in any argument of a style function or in custom CSS.

inverse_background_color

    Inverse Background Color. Defaults to `secondary_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-background-color)` in any argument of a style function or in custom CSS.

inverse_text_color

    Inverse Text Color. Defaults to `choose_dark_or_light(secondary_color, black_color, white_color)`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

inverse_text_shadow

    Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

    Inverse Header Color. Defaults to `inverse_text_color`. Modifies the `.inverse h1`, `.inverse h2`, `.in` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-header-color)` in any argument of a style function or in custom CSS.

inverse_link_color

Inverse Link Color. Defaults to link_color. Modifies the .inverse a, .inverse a > code classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-link-color) in any argument of a style function or in custom CSS.

title_slide_text_color

Title Slide Text Color. Defaults to choose_dark_or_light(primary_color, black_color, white_color). Modifies the .title-slide class. The value of this variable is also stored as a CSS variable that can be referenced with var(--title-slide-text-color) in any argument of a style function or in custom CSS.

title_slide_background_color

Title Slide Background Color. Defaults to primary_color. Modifies the .title-slide class. The value of this variable is also stored as a CSS variable that can be referenced with var(--title-slide-background-color) in any argument of a style function or in custom CSS.

title_slide_background_image

Title Slide Background Image URL. Defaults to NULL. Modifies the .title-slide class.

title_slide_background_size

Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to NULL. Modifies the .title-slide class. Accepts CSS background-size property values.

title_slide_background_position

Title Slide Background Image Position. Defaults to NULL. Modifies the .title-slide class. Accepts CSS background-position property values.

footnote_color   Footnote text color (if NA, then it will be the same color as text_color). Defaults to NULL. Modifies the .footnote class.

footnote_font_size

Footnote font size. Defaults to 0.9em. Modifies the .footnote class. Accepts CSS font-size property values.

footnote_position_bottom

Footnote location from bottom of screen. Defaults to 60px. Modifies the .footnote class. Accepts CSS position property values.

left_column_subtle_color

Left Column Text (not last). Defaults to apply_alpha(primary_color, 0.6). Modifies the .left-column h2, .left-column h3 classes.

left_column_selected_color

Left Column Current Selection. Defaults to primary_color. Modifies the .left-column h2:last-of-type, .left-column h3:last-child classes.

blockquote_left_border_color

Blockquote Left Border Color. Defaults to apply_alpha(secondary_color, 0.5). Modifies the blockquote element.

table_border_color

Table top/bottom border. Defaults to #666. Modifies the table: border-top, border-bottom elements.

table_row_border_color

>   Table row inner bottom border. Defaults to #ddd. Modifies the `table thead th: border-bottom`
>   elements.

table_row_even_background_color

>   Table Even Row Background Color. Defaults to `darken_color(choose_dark_or_light(primary_colo`
>   `secondary_color, primary_color), 0.2)`. Modifies the `thead, tfoot, tr:nth-child(even)`
>   elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies
>   the `html` element. The value of this variable is also stored as a CSS variable that
>   can be referenced with `var(--base-font-size)` in any argument of a style
>   function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content`
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with `var(--text-font-size)`
>   in any argument of a style function or in custom CSS.

header_h1_font_size

>   h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1`
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with `var(--header-h1-font-size)`
>   in any argument of a style function or in custom CSS.

header_h2_font_size

>   h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2`
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with `var(--header-h2-font-size)`
>   in any argument of a style function or in custom CSS.

header_h3_font_size

>   h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3`
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with `var(--header-h3-font-size)`
>   in any argument of a style function or in custom CSS.

header_background_auto

>   Add background under slide title automatically for h1 header elements. If not
>   enabled, use `class: header_background` to enable. Defaults to FALSE.

header_background_color

>   Background Color for h1 Header with Background. Defaults to `header_color`.
>   Modifies the `.remark-slide-content h1` class. The value of this variable is
>   also stored as a CSS variable that can be referenced with `var(--header-background-color)`
>   in any argument of a style function or in custom CSS.

header_background_text_color

>   Text Color for h1 Header with Background. Defaults to `background_color`.
>   Modifies the `.remark-slide-content h1` class. The value of this variable is
>   also stored as a CSS variable that can be referenced with `var(--header-background-text-color)`
>   in any argument of a style function or in custom CSS.

header_background_padding

>   Padding for h1 Header with Background. Defaults to NULL. Modifies the `.remark-slide-content h1`
>   class. Accepts CSS padding property values.

header_background_content_padding_top

Top Padding for Content in Slide with Header with Background. Defaults to 7rem. Modifies the .remark-slide-content class.

header_background_ignore_classes

Slide Classes Where Header with Background will not be Applied. Defaults to c('normal', 'inverse', 'title', 'middle', 'bottom'). Modifies the .remark-slide-content class.

text_slide_number_font_size

Slide Number Text Font Size. Defaults to 0.9rem. Modifies the .remark-slide-number class. Accepts CSS font-size property values.

text_font_google

Use google_font() to specify body font. Defaults to NULL. Modifies the body element.

text_font_family

Body Text Font Family (xaringan default is 'Droid Serif'). Defaults to xaringanthemer_font_defaul Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-font-family) in any argument of a style function or in custom CSS.

text_font_weight

Body Text Font Weight. Defaults to xaringanthemer_font_default("text_font_weight"). Modifies the body element. Accepts CSS font-weight property values.

text_bold_font_weight

Body Bold Text Font Weight. Defaults to bold. Modifies the strong element.

text_font_url   Body Text Font URL(s). Defaults to xaringanthemer_font_default("text_font_url"). Modifies the @import url() elements.

text_font_family_fallback

Body Text Font Fallbacks. Defaults to xaringanthemer_font_default("text_font_family_fallback Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-font-family-fallback) in any argument of a style function or in custom CSS.

text_font_base   Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-font-base) in any argument of a style function or in custom CSS.

header_font_google

Use google_font() to specify header font. Defaults to NULL. Modifies the body element.

header_font_family

Header Font Family (xaringan default is 'Yanone Kaffeesatz'). Defaults to xaringanthemer_font_default("header_font_family"). Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-font-family) in any argument of a style function or in custom CSS.

header_font_weight

Header Font Weight. Defaults to xaringanthemer_font_default("header_font_weight"). Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback

> Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-font-family-fallback) in any argument of a style function or in custom CSS.

header_font_url

> Header Font URL. Defaults to xaringanthemer_font_default("header_font_url"). Modifies the @import url elements.

code_font_google

> Use google_font() to specify code font. Defaults to NULL. Modifies the body element.

code_font_family

> Code Font Family. Defaults to xaringanthemer_font_default("code_font_family"). Modifies the .remark-code, .remark-inline-code classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-family) in any argument of a style function or in custom CSS.

code_font_size   Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-size) in any argument of a style function or in custom CSS.

code_font_url   Code Font URL. Defaults to xaringanthemer_font_default("code_font_url"). Modifies the @import url elements.

code_font_family_fallback

> Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback"). Modifies the .remark-code, .remark-inline-code classes.

link_decoration

> Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS text-decoration property values.

colors   A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors = c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts   A list of additional fonts to import, each list element can be either a URL as a character string or a call to google_font(). To use a font imported in extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use `xaringan-themer.css` as your CSS file in your slides' YAML header. If you change the name of the output file using the `outfile` argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: `style_duo_accent()`, `style_duo()`, `style_mono_accent_inverse()`, `style_mono_accent()`, `style_mono_dark()`, `style_mono_light()`, `style_solarized_dark()`, `style_solarized_light()`, `xaringanthemer_font_default()`

Other Duotone themes: `style_duo_accent()`, `style_duo()`

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_duo_accent_inverse(
  primary_color = "#006747",
  secondary_color = "#cfc493",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

---

style_extra_css   *Add Extra CSS Styles*

Description

Adds css elements to target `outfile`, typically a xaringanthemer css file. The `css` argument takes a list of CSS classes and definitions (see examples below) and appends CSS rules to `outfile`.

Usage

```
style_extra_css(
  css,
  outfile = "xaringan-themer.css",
  append = TRUE,
  heading = "Extra CSS"
)
```

Arguments

css	A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. `list(".class-id" = list("css-property" = "value"))`
outfile	Customized xaringan CSS output file name, default is "xaringan-themer.css"
append	If `TRUE` output will be appended to `outfile`; otherwise, it will overwrite the contents of `outfile`.
heading	Heading added above extra CSS. Use `NULL` to disable.

css list

The `css` input must be a named list of css properties and values within a named list of class identifiers, for example `list(".class-id" = list("css-property" = "value"))`.

Examples

```
style_extra_css(
  outfile = stdout(),
  css = list(
    ".red" = list(color = "red"),
    ".small" = list("font-size" = "90%"),
    ".full-width" = list(
      display = "flex",
      width = "100%",
      flex = "1 1 auto"
    )
  )
)
```

---

style_mono_accent   *Monotone Accent Theme*

Description

The default xaringan theme with a single color used for color accents on select elements (headers, bold text, etc.).

Usage

```
style_mono_accent(
  base_color = "#43418A",
  white_color = "#FFFFFF",
  black_color = "#272822",
  text_color = black_color,
  header_color = base_color,
  background_color = white_color,
  link_color = base_color,
  text_bold_color = base_color,
```

```
      text_slide_number_color = base_color,
      padding = "16px 64px 16px 64px",
      background_image = NULL,
      background_size = NULL,
      background_position = NULL,
      code_highlight_color = "rgba(255,255,0,0.5)",
      code_inline_color = base_color,
      code_inline_background_color = NULL,
      code_inline_font_size = "1em",
      inverse_background_color = base_color,
      inverse_text_color = white_color,
      inverse_text_shadow = FALSE,
      inverse_header_color = inverse_text_color,
      inverse_link_color = link_color,
      title_slide_text_color = inverse_text_color,
      title_slide_background_color = inverse_background_color,
      title_slide_background_image = NULL,
      title_slide_background_size = NULL,
      title_slide_background_position = NULL,
      footnote_color = NULL,
      footnote_font_size = "0.9em",
      footnote_position_bottom = "60px",
      left_column_subtle_color = apply_alpha(base_color, 0.6),
      left_column_selected_color = base_color,
      blockquote_left_border_color = apply_alpha(base_color, 0.5),
      table_border_color = "#666",
      table_row_border_color = "#ddd",
      table_row_even_background_color = lighten_color(base_color, 0.8),
      base_font_size = "20px",
      text_font_size = "1rem",
      header_h1_font_size = "2.75rem",
      header_h2_font_size = "2.25rem",
      header_h3_font_size = "1.75rem",
      header_background_auto = FALSE,
      header_background_color = header_color,
      header_background_text_color = background_color,
      header_background_padding = NULL,
      header_background_content_padding_top = "7rem",
    header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
      text_slide_number_font_size = "0.9rem",
      text_font_google = NULL,
      text_font_family = xaringanthemer_font_default("text_font_family"),
      text_font_weight = xaringanthemer_font_default("text_font_weight"),
      text_bold_font_weight = "bold",
      text_font_url = xaringanthemer_font_default("text_font_url"),
    text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
      text_font_base = "sans-serif",
      header_font_google = NULL,
```

```
    header_font_family = xaringanthemer_font_default("header_font_family"),
    header_font_weight = xaringanthemer_font_default("header_font_weight"),
    header_font_family_fallback = "Georgia, serif",
    header_font_url = xaringanthemer_font_default("header_font_url"),
    code_font_google = NULL,
    code_font_family = xaringanthemer_font_default("code_font_family"),
    code_font_size = "0.9rem",
    code_font_url = xaringanthemer_font_default("code_font_url"),
  code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
    link_decoration = "none",
    colors = NULL,
    extra_css = NULL,
    extra_fonts = NULL,
    outfile = "xaringan-themer.css"
)
```

Arguments

base_color
: Monotone Base Color, works best with a strong color. Defaults to #43418A. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--base) in any argument of a style function or in custom CSS.

white_color
: Brightest color used. Defaults to #FFFFFF. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--white) in any argument of a style function or in custom CSS.

black_color
: Darkest color used. Defaults to #272822. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--black) in any argument of a style function or in custom CSS.

text_color
: Text Color. Defaults to black_color. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text_color) in any argument of a style function or in custom CSS.

header_color
: Header Color. Defaults to base_color. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-color) in any argument of a style function or in custom CSS.

background_color
: Slide Background Color. Defaults to white_color. Modifies the .remark-slide-content class. The value of this variable is also stored as a CSS variable that can be referenced with var(--background-color) in any argument of a style function or in custom CSS.

link_color
: Link Color. Defaults to base_color. Modifies the a, a > code elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color
: Bold Text Color. Defaults to base_color. Modifies the strong element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-bold-color) in any argument of a style function or in custom CSS.

`text_slide_number_color`

> Slide Number Color. Defaults to `base_color`. Modifies the `.remark-slide-number` class.

`padding` Slide Padding in `top right [bottom left]` format. Defaults to `16px 64px 16px 64px`. Modifies the `.remark-slide-content` class. Accepts CSS padding property values.

`background_image`

> Background image applied to each *and every* slide. Set `title_slide_background_image = "none"` to remove the background image from the title slide. Defaults to `NULL`. Modifies the `.remark-slide-content` class.

`background_size`

> Background image size, requires `background_image` to be set. If `background_image` is set, `background_size` will default to `cover` so the background fills the screen. If both `background_image` and `background_position` are set, will default to 100 percent. Defaults to `NULL`. Modifies the `.remark-slide-content` class. Accepts CSS background-size property values.

`background_position`

> Background image position, requires `background_image` to be set, and it is recommended to adjust `background_size`. Defaults to `NULL`. Modifies the `.remark-slide-content` class. Accepts CSS background-position property values.

`code_highlight_color`

> Code Line Highlight. Defaults to `rgba(255,255,0,0.5)`. Modifies the `.remark-code-line-highlighted` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-highlight-color)` in any argument of a style function or in custom CSS.

`code_inline_color`

> Inline Code Color. Defaults to `base_color`. Modifies the `.remark-inline-code` class.

`code_inline_background_color`

> Inline Code Background Color. Defaults to `NULL`. Modifies the `.remark-inline-code` class.

`code_inline_font_size`

> Inline Code Text Font Size. Defaults to `1em`. Modifies the `.remark-inline-code` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-inline-font-size)` in any argument of a style function or in custom CSS.

`inverse_background_color`

> Inverse Background Color. Defaults to `base_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-background-color)` in any argument of a style function or in custom CSS.

`inverse_text_color`

> Inverse Text Color. Defaults to `white_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

`inverse_text_shadow`

> Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

> Inverse Header Color. Defaults to inverse_text_color. Modifies the .inverse h1, .inverse h2, .in
> classes. The value of this variable is also stored as a CSS variable that can be
> referenced with var(--inverse-header-color) in any argument of a style
> function or in custom CSS.

inverse_link_color

> Inverse Link Color. Defaults to link_color. Modifies the .inverse a, .inverse a > code
> classes. The value of this variable is also stored as a CSS variable that can be ref-
> erenced with var(--inverse-link-color) in any argument of a style function
> or in custom CSS.

title_slide_text_color

> Title Slide Text Color. Defaults to inverse_text_color. Modifies the .title-slide
> class. The value of this variable is also stored as a CSS variable that can be
> referenced with var(--title-slide-text-color) in any argument of a style
> function or in custom CSS.

title_slide_background_color

> Title Slide Background Color. Defaults to inverse_background_color. Mod-
> ifies the .title-slide class. The value of this variable is also stored as a CSS
> variable that can be referenced with var(--title-slide-background-color)
> in any argument of a style function or in custom CSS.

title_slide_background_image

> Title Slide Background Image URL. Defaults to NULL. Modifies the .title-slide
> class.

title_slide_background_size

> Title Slide Background Image Size, defaults to "cover" if background image is
> set. Defaults to NULL. Modifies the .title-slide class. Accepts CSS background-
> size property values.

title_slide_background_position

> Title Slide Background Image Position. Defaults to NULL. Modifies the .title-slide
> class. Accepts CSS background-position property values.

footnote_color   Footnote text color (if NA, then it will be the same color as text_color). De-
> faults to NULL. Modifies the .footnote class.

footnote_font_size

> Footnote font size. Defaults to 0.9em. Modifies the .footnote class. Accepts
> CSS font-size property values.

footnote_position_bottom

> Footnote location from bottom of screen. Defaults to 60px. Modifies the .footnote
> class. Accepts CSS position property values.

left_column_subtle_color

> Left Column Text (not last). Defaults to apply_alpha(base_color, 0.6).
> Modifies the .left-column h2, .left-column h3 classes.

left_column_selected_color

> Left Column Current Selection. Defaults to base_color. Modifies the .left-column h2:last-of-type
> classes.

blockquote_left_border_color

> Blockquote Left Border Color. Defaults to apply_alpha(base_color, 0.5).
> Modifies the blockquote element.

table_border_color

Table top/bottom border. Defaults to #666. Modifies the `table: border-top, border-bottom` elements.

table_row_border_color

Table row inner bottom border. Defaults to #ddd. Modifies the `table thead th: border-bottom` elements.

table_row_even_background_color

Table Even Row Background Color. Defaults to `lighten_color(base_color, 0.8)`. Modifies the `thead, tfoot, tr:nth-child(even)` elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the `html` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--base-font-size)` in any argument of a style function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-size)` in any argument of a style function or in custom CSS.

header_h1_font_size

h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h1-font-size)` in any argument of a style function or in custom CSS.

header_h2_font_size

h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h2-font-size)` in any argument of a style function or in custom CSS.

header_h3_font_size

h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h3-font-size)` in any argument of a style function or in custom CSS.

header_background_auto

Add background under slide title automatically for h1 header elements. If not enabled, use `class: header_background` to enable. Defaults to FALSE.

header_background_color

Background Color for h1 Header with Background. Defaults to `header_color`. Modifies the `.remark-slide-content h1` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-background-color)` in any argument of a style function or in custom CSS.

header_background_text_color

Text Color for h1 Header with Background. Defaults to `background_color`. Modifies the `.remark-slide-content h1` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-background-text-color)` in any argument of a style function or in custom CSS.

header_background_padding

Padding for h1 Header with Background. Defaults to NULL. Modifies the `.remark-slide-content h1` class. Accepts CSS [padding](#) property values.

header_background_content_padding_top

>   Top Padding for Content in Slide with Header with Background. Defaults to 7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

>   Slide Classes Where Header with Background will not be Applied. Defaults to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the `.remark-slide-content` class.

text_slide_number_font_size

>   Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number` class. Accepts CSS [font-size](#) property values.

text_font_google

>   Use `google_font()` to specify body font. Defaults to `NULL`. Modifies the body element.

text_font_family

>   Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to xaringanthemer_font_defaul Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-family)` in any argument of a style function or in custom CSS.

text_font_weight

>   Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`. Modifies the body element. Accepts CSS [font-weight](#) property values.

text_bold_font_weight

>   Body Bold Text Font Weight. Defaults to bold. Modifies the `strong` element.

text_font_url   Body Text Font URL(s). Defaults to `xaringanthemer_font_default("text_font_url")`. Modifies the `@import url()` elements.

text_font_family_fallback

>   Body Text Font Fallbacks. Defaults to `xaringanthemer_font_default("text_font_family_fallback` Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-family-fallback)` in any argument of a style function or in custom CSS.

text_font_base   Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-base)` in any argument of a style function or in custom CSS.

header_font_google

>   Use `google_font()` to specify header font. Defaults to `NULL`. Modifies the body element.

header_font_family

>   Header Font Family (xaringan default is `'Yanone Kaffeesatz'`). Defaults to `xaringanthemer_font_default("header_font_family")`. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family)` in any argument of a style function or in custom CSS.

header_font_weight

>   Header Font Weight. Defaults to `xaringanthemer_font_default("header_font_weight")`. Modifies the h1, h2, h3 elements. Accepts CSS [font-weight](#) property values.

header_font_family_fallback

> Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-font-family-fallback) in any argument of a style function or in custom CSS.

header_font_url

> Header Font URL. Defaults to xaringanthemer_font_default("header_font_url"). Modifies the @import url elements.

code_font_google

> Use google_font() to specify code font. Defaults to NULL. Modifies the body element.

code_font_family

> Code Font Family. Defaults to xaringanthemer_font_default("code_font_family"). Modifies the .remark-code, .remark-inline-code classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-family) in any argument of a style function or in custom CSS.

code_font_size   Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-size) in any argument of a style function or in custom CSS.

code_font_url   Code Font URL. Defaults to xaringanthemer_font_default("code_font_url"). Modifies the @import url elements.

code_font_family_fallback

> Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback"). Modifies the .remark-code, .remark-inline-code classes.

link_decoration

> Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS [text-decoration](#) property values.

colors   A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors = c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts   A list of additional fonts to import, each list element can be either a URL as a character string or a call to [google_font](#)(). To use a font imported in extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use `xaringan-themer.css` as your CSS file in your slides' YAML header. If you change the name of the output file using the `outfile` argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: `style_duo_accent_inverse()`, `style_duo_accent()`, `style_duo()`, `style_mono_accent_inverse()`, `style_mono_dark()`, `style_mono_light()`, `style_solarized_dark()`, `style_solarized_light()`, `xaringanthemer_font_default()`

Other Monotone themes: `style_mono_accent_inverse()`, `style_mono_dark()`, `style_mono_light()`

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_mono_accent(
  base_color = "#43418A",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

style_mono_accent_inverse

Monotone Accent Inverse Theme

Description

An "inverted" default xaringan theme with a single color used for color accents on select elements (headers, bold text, etc.).

Usage

```
style_mono_accent_inverse(
  base_color = "#3C989E",
  white_color = "#FFFFFF",
  black_color = darken_color(base_color, 0.9),
  text_color = white_color,
  header_color = base_color,
```

```
            background_color = black_color,
            link_color = base_color,
            text_bold_color = base_color,
            text_slide_number_color = base_color,
            padding = "16px 64px 16px 64px",
            background_image = NULL,
            background_size = NULL,
            background_position = NULL,
            code_highlight_color = "rgba(255,255,0,0.5)",
            code_inline_color = base_color,
            code_inline_background_color = NULL,
            code_inline_font_size = "1em",
            inverse_background_color = base_color,
            inverse_text_color = black_color,
            inverse_text_shadow = FALSE,
            inverse_header_color = inverse_text_color,
            inverse_link_color = link_color,
            title_slide_text_color = inverse_text_color,
            title_slide_background_color = inverse_background_color,
            title_slide_background_image = NULL,
            title_slide_background_size = NULL,
            title_slide_background_position = NULL,
            footnote_color = NULL,
            footnote_font_size = "0.9em",
            footnote_position_bottom = "60px",
            left_column_subtle_color = apply_alpha(base_color, 0.6),
            left_column_selected_color = base_color,
            blockquote_left_border_color = apply_alpha(base_color, 0.5),
            table_border_color = "#666",
            table_row_border_color = "#ddd",
            table_row_even_background_color = darken_color(base_color, 0.8),
            base_font_size = "20px",
            text_font_size = "1rem",
            header_h1_font_size = "2.75rem",
            header_h2_font_size = "2.25rem",
            header_h3_font_size = "1.75rem",
            header_background_auto = FALSE,
            header_background_color = header_color,
            header_background_text_color = background_color,
            header_background_padding = NULL,
            header_background_content_padding_top = "7rem",
          header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
            text_slide_number_font_size = "0.9rem",
            text_font_google = NULL,
            text_font_family = xaringanthemer_font_default("text_font_family"),
            text_font_weight = xaringanthemer_font_default("text_font_weight"),
            text_bold_font_weight = "bold",
            text_font_url = xaringanthemer_font_default("text_font_url"),
```

```
    text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
    text_font_base = "sans-serif",
    header_font_google = NULL,
    header_font_family = xaringanthemer_font_default("header_font_family"),
    header_font_weight = xaringanthemer_font_default("header_font_weight"),
    header_font_family_fallback = "Georgia, serif",
    header_font_url = xaringanthemer_font_default("header_font_url"),
    code_font_google = NULL,
    code_font_family = xaringanthemer_font_default("code_font_family"),
    code_font_size = "0.9rem",
    code_font_url = xaringanthemer_font_default("code_font_url"),
  code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
    link_decoration = "none",
    colors = NULL,
    extra_css = NULL,
    extra_fonts = NULL,
    outfile = "xaringan-themer.css"
)
```

Arguments

base_color
: Monotone Base Color, works best with a light color. Defaults to #3C989E. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--base) in any argument of a style function or in custom CSS.

white_color
: Brightest color used, default is a very light version of base_color. Defaults to #FFFFFF. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--white) in any argument of a style function or in custom CSS.

black_color
: Darkest color used, default is a very dark, version of base_color. Defaults to darken_color(base_color, 0.9). Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--black) in any argument of a style function or in custom CSS.

text_color
: Text Color. Defaults to white_color. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text_color) in any argument of a style function or in custom CSS.

header_color
: Header Color. Defaults to base_color. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-color) in any argument of a style function or in custom CSS.

background_color
: Slide Background Color. Defaults to black_color. Modifies the .remark-slide-content class. The value of this variable is also stored as a CSS variable that can be referenced with var(--background-color) in any argument of a style function or in custom CSS.

link_color
: Link Color. Defaults to base_color. Modifies the a, a > code elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color

>   Bold Text Color. Defaults to base_color. Modifies the strong element. The
>   value of this variable is also stored as a CSS variable that can be referenced with
>   var(--text-bold-color) in any argument of a style function or in custom
>   CSS.

text_slide_number_color

>   Slide Number Color. Defaults to base_color. Modifies the .remark-slide-number
>   class.

padding

>   Slide Padding in top right [bottom left] format. Defaults to 16px 64px
>   16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding
>   property values.

background_image

>   Background image applied to each *and every* slide. Set title_slide_background_image
>   = "none" to remove the background image from the title slide. Defaults to NULL.
>   Modifies the .remark-slide-content class.

background_size

>   Background image size, requires background_image to be set. If background_image
>   is set, background_size will default to cover so the background fills the screen.
>   If both background_image and background_position are set, will default to
>   100 percent. Defaults to NULL. Modifies the .remark-slide-content class.
>   Accepts CSS background-size property values.

background_position

>   Background image position, requires background_image to be set, and it is rec-
>   ommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content
>   class. Accepts CSS background-position property values.

code_highlight_color

>   Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the .remark-code-line-highlighted
>   class. The value of this variable is also stored as a CSS variable that can be refer-
>   enced with var(--code-highlight-color) in any argument of a style function
>   or in custom CSS.

code_inline_color

>   Inline Code Color. Defaults to base_color. Modifies the .remark-inline-code
>   class.

code_inline_background_color

>   Inline Code Background Color. Defaults to NULL. Modifies the .remark-inline-code
>   class.

code_inline_font_size

>   Inline Code Text Font Size. Defaults to 1em. Modifies the .remark-inline-code
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with var(--code-inline-font-size)
>   in any argument of a style function or in custom CSS.

inverse_background_color

>   Inverse Background Color. Defaults to base_color. Modifies the .inverse
>   class. The value of this variable is also stored as a CSS variable that can be ref-
>   erenced with var(--inverse-background-color) in any argument of a style
>   function or in custom CSS.

inverse_text_color

> Inverse Text Color. Defaults to `black_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

inverse_text_shadow

> Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

> Inverse Header Color. Defaults to `inverse_text_color`. Modifies the `.inverse h1`, `.inverse h2`, `.in` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-header-color)` in any argument of a style function or in custom CSS.

inverse_link_color

> Inverse Link Color. Defaults to `link_color`. Modifies the `.inverse a`, `.inverse a > code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-link-color)` in any argument of a style function or in custom CSS.

title_slide_text_color

> Title Slide Text Color. Defaults to `inverse_text_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-text-color)` in any argument of a style function or in custom CSS.

title_slide_background_color

> Title Slide Background Color. Defaults to `inverse_background_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-background-color)` in any argument of a style function or in custom CSS.

title_slide_background_image

> Title Slide Background Image URL. Defaults to `NULL`. Modifies the `.title-slide` class.

title_slide_background_size

> Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-size](#) property values.

title_slide_background_position

> Title Slide Background Image Position. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-position](#) property values.

footnote_color   Footnote text color (if `NA`, then it will be the same color as `text_color`). Defaults to `NULL`. Modifies the `.footnote` class.

footnote_font_size

> Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS [font-size](#) property values.

footnote_position_bottom

> Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS [position](#) property values.

left_column_subtle_color

> Left Column Text (not last). Defaults to `apply_alpha(base_color, 0.6)`. Modifies the `.left-column h2`, `.left-column h3` classes.

left_column_selected_color
>   Left Column Current Selection. Defaults to base_color. Modifies the .left-column h2:last-of-type
>   classes.

blockquote_left_border_color
>   Blockquote Left Border Color. Defaults to apply_alpha(base_color, 0.5).
>   Modifies the blockquote element.

table_border_color
>   Table top/bottom border. Defaults to #666. Modifies the table: border-top, border-bottom
>   elements.

table_row_border_color
>   Table row inner bottom border. Defaults to #ddd. Modifies the table thead th: border-bottom
>   elements.

table_row_even_background_color
>   Table Even Row Background Color. Defaults to darken_color(base_color,
>   0.8). Modifies the thead, tfoot, tr:nth-child(even) elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies
>   the html element. The value of this variable is also stored as a CSS variable that
>   can be referenced with var(--base-font-size) in any argument of a style
>   function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the .remark-slide-content
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with var(--text-font-size)
>   in any argument of a style function or in custom CSS.

header_h1_font_size
>   h1 Header Text Font Size. Defaults to 2.75rem. Modifies the .remark-slide-content h1
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with var(--header-h1-font-size)
>   in any argument of a style function or in custom CSS.

header_h2_font_size
>   h2 Header Text Font Size. Defaults to 2.25rem. Modifies the .remark-slide-content h2
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with var(--header-h2-font-size)
>   in any argument of a style function or in custom CSS.

header_h3_font_size
>   h3 Header Text Font Size. Defaults to 1.75rem. Modifies the .remark-slide-content h3
>   class. Accepts CSS font-size property values. The value of this variable is also
>   stored as a CSS variable that can be referenced with var(--header-h3-font-size)
>   in any argument of a style function or in custom CSS.

header_background_auto
>   Add background under slide title automatically for h1 header elements. If not
>   enabled, use class: header_background to enable. Defaults to FALSE.

header_background_color
>   Background Color for h1 Header with Background. Defaults to header_color.
>   Modifies the .remark-slide-content h1 class. The value of this variable is
>   also stored as a CSS variable that can be referenced with var(--header-background-color)
>   in any argument of a style function or in custom CSS.

header_background_text_color

        Text Color for h1 Header with Background. Defaults to `background_color`.
        Modifies the `.remark-slide-content` h1 class. The value of this variable is
        also stored as a CSS variable that can be referenced with `var(--header-background-text-color)`
        in any argument of a style function or in custom CSS.

header_background_padding

        Padding for h1 Header with Background. Defaults to `NULL`. Modifies the `.remark-slide-content h1`
        class. Accepts CSS [padding]{style="color:red"} property values.

header_background_content_padding_top

        Top Padding for Content in Slide with Header with Background. Defaults to
        7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

        Slide Classes Where Header with Background will not be Applied. Defaults
        to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the
        `.remark-slide-content` class.

text_slide_number_font_size

        Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number`
        class. Accepts CSS [font-size]{style="color:red"} property values.

text_font_google

        Use `google_font()` to specify body font. Defaults to `NULL`. Modifies the body
        element.

text_font_family

        Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to `xaringanthemer_font_defaul`
        Modifies the body element. The value of this variable is also stored as a CSS
        variable that can be referenced with `var(--text-font-family)` in any argu-
        ment of a style function or in custom CSS.

text_font_weight

        Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`.
        Modifies the body element. Accepts CSS [font-weight]{style="color:red"} property values.

text_bold_font_weight

        Body Bold Text Font Weight. Defaults to bold. Modifies the `strong` element.

text_font_url   Body Text Font URL(s). Defaults to `xaringanthemer_font_default("text_font_url")`.
        Modifies the `@import url()` elements.

text_font_family_fallback

        Body Text Font Fallbacks. Defaults to `xaringanthemer_font_default("text_font_family_fallbacl`
        Modifies the body element. The value of this variable is also stored as a CSS
        variable that can be referenced with `var(--text-font-family-fallback)` in
        any argument of a style function or in custom CSS.

text_font_base Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies
        the body element. The value of this variable is also stored as a CSS variable that
        can be referenced with `var(--text-font-base)` in any argument of a style
        function or in custom CSS.

header_font_google

        Use `google_font()` to specify header font. Defaults to `NULL`. Modifies the body
        element.

header_font_family

> Header Font Family (xaringan default is 'Yanone Kaffeesatz'). Defaults to xaringanthemer_font_default("header_font_family"). Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-font-family) in any argument of a style function or in custom CSS.

header_font_weight

> Header Font Weight. Defaults to xaringanthemer_font_default("header_font_weight"). Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback

> Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-font-family-fallback) in any argument of a style function or in custom CSS.

header_font_url

> Header Font URL. Defaults to xaringanthemer_font_default("header_font_url"). Modifies the @import url elements.

code_font_google

> Use google_font() to specify code font. Defaults to NULL. Modifies the body element.

code_font_family

> Code Font Family. Defaults to xaringanthemer_font_default("code_font_family"). Modifies the .remark-code, .remark-inline-code classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-family) in any argument of a style function or in custom CSS.

code_font_size Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-size) in any argument of a style function or in custom CSS.

code_font_url Code Font URL. Defaults to xaringanthemer_font_default("code_font_url"). Modifies the @import url elements.

code_font_family_fallback

> Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback"). Modifies the .remark-code, .remark-inline-code classes.

link_decoration

> Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS text-decoration property values.

colors A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors = c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.

extra_css A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts A list of additional fonts to import, each list element can be either a URL as a character string or a call to google_font(). To use a font imported in

extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the `font-family` property. See the **Fonts** section of `vignette("xaringanthemer")` for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in `outfile` (by default to `xaringan-themer.css`). If `outfile` is `NULL`, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use `xaringan-themer.css` as your CSS file in your slides' YAML header. If you change the name of the output file using the `outfile` argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: `style_duo_accent_inverse()`, `style_duo_accent()`, `style_duo()`, `style_mono_accent()`, `style_mono_dark()`, `style_mono_light()`, `style_solarized_dark()`, `style_solarized_light()`, `xaringanthemer_font_default()`

Other Monotone themes: `style_mono_accent()`, `style_mono_dark()`, `style_mono_light()`

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_mono_accent_inverse(
  base_color = "#3c989e",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

---

style_mono_dark   *Monotone Dark Theme*

Description

A dark monotone theme based around a single color.

Usage

```
style_mono_dark(
  base_color = "#cbf7ed",
  white_color = lighten_color(base_color, 0.8),
  black_color = darken_color(base_color, 0.85),
  text_color = white_color,
  header_color = base_color,
  background_color = black_color,
  link_color = base_color,
  text_bold_color = base_color,
  text_slide_number_color = base_color,
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "rgba(255,255,0,0.5)",
  code_inline_color = base_color,
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = base_color,
  inverse_text_color = black_color,
  inverse_text_shadow = FALSE,
  inverse_header_color = inverse_text_color,
  inverse_link_color = link_color,
  title_slide_text_color = inverse_text_color,
  title_slide_background_color = inverse_background_color,
  title_slide_background_image = NULL,
  title_slide_background_size = NULL,
  title_slide_background_position = NULL,
  footnote_color = NULL,
  footnote_font_size = "0.9em",
  footnote_position_bottom = "60px",
  left_column_subtle_color = apply_alpha(base_color, 0.6),
  left_column_selected_color = base_color,
  blockquote_left_border_color = apply_alpha(base_color, 0.5),
  table_border_color = "#666",
  table_row_border_color = "#ddd",
  table_row_even_background_color = darken_color(base_color, 0.7),
  base_font_size = "20px",
  text_font_size = "1rem",
  header_h1_font_size = "2.75rem",
  header_h2_font_size = "2.25rem",
  header_h3_font_size = "1.75rem",
  header_background_auto = FALSE,
  header_background_color = header_color,
  header_background_text_color = background_color,
  header_background_padding = NULL,
  header_background_content_padding_top = "7rem",
```

```
 header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
 text_slide_number_font_size = "0.9rem",
 text_font_google = NULL,
 text_font_family = xaringanthemer_font_default("text_font_family"),
 text_font_weight = xaringanthemer_font_default("text_font_weight"),
 text_bold_font_weight = "bold",
 text_font_url = xaringanthemer_font_default("text_font_url"),
 text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
 text_font_base = "sans-serif",
 header_font_google = NULL,
 header_font_family = xaringanthemer_font_default("header_font_family"),
 header_font_weight = xaringanthemer_font_default("header_font_weight"),
 header_font_family_fallback = "Georgia, serif",
 header_font_url = xaringanthemer_font_default("header_font_url"),
 code_font_google = NULL,
 code_font_family = xaringanthemer_font_default("code_font_family"),
 code_font_size = "0.9rem",
 code_font_url = xaringanthemer_font_default("code_font_url"),
 code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
 link_decoration = "none",
 colors = NULL,
 extra_css = NULL,
 extra_fonts = NULL,
 outfile = "xaringan-themer.css"
)
```

Arguments

base_color
: Monotone Base Color, works best with a light color.. Defaults to #cbf7ed. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--base) in any argument of a style function or in custom CSS.

white_color
: Brightest color used, default is a very light version of base_color. Defaults to lighten_color(base_color, 0.8). Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--white) in any argument of a style function or in custom CSS.

black_color
: Darkest color used, default is a very dark, version of base_color. Defaults to darken_color(base_color, 0.85). Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--black) in any argument of a style function or in custom CSS.

text_color
: Text Color. Defaults to white_color. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text_color) in any argument of a style function or in custom CSS.

header_color
: Header Color. Defaults to base_color. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--header-color) in any argument of a style function or in custom CSS.

background_color

Slide Background Color. Defaults to black_color. Modifies the .remark-slide-content class. The value of this variable is also stored as a CSS variable that can be referenced with var(--background-color) in any argument of a style function or in custom CSS.

link_color   Link Color. Defaults to base_color. Modifies the a, a > code elements. The value of this variable is also stored as a CSS variable that can be referenced with var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color

Bold Text Color. Defaults to base_color. Modifies the strong element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-bold-color) in any argument of a style function or in custom CSS.

text_slide_number_color

Slide Number Color. Defaults to base_color. Modifies the .remark-slide-number class.

padding   Slide Padding in top right [bottom left] format. Defaults to 16px 64px 16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding property values.

background_image

Background image applied to each *and every* slide. Set title_slide_background_image = "none" to remove the background image from the title slide. Defaults to NULL. Modifies the .remark-slide-content class.

background_size

Background image size, requires background_image to be set. If background_image is set, background_size will default to cover so the background fills the screen. If both background_image and background_position are set, will default to 100 percent. Defaults to NULL. Modifies the .remark-slide-content class. Accepts CSS background-size property values.

background_position

Background image position, requires background_image to be set, and it is recommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content class. Accepts CSS background-position property values.

code_highlight_color

Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the .remark-code-line-highlighted class. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-highlight-color) in any argument of a style function or in custom CSS.

code_inline_color

Inline Code Color. Defaults to base_color. Modifies the .remark-inline-code class.

code_inline_background_color

Inline Code Background Color. Defaults to NULL. Modifies the .remark-inline-code class.

code_inline_font_size

Inline Code Text Font Size. Defaults to 1em. Modifies the .remark-inline-code class. Accepts CSS font-size property values. The value of this variable is also

stored as a CSS variable that can be referenced with `var(--code-inline-font-size)` in any argument of a style function or in custom CSS.

inverse_background_color

Inverse Background Color. Defaults to `base_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-background-color)` in any argument of a style function or in custom CSS.

inverse_text_color

Inverse Text Color. Defaults to `black_color`. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

inverse_text_shadow

Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

Inverse Header Color. Defaults to `inverse_text_color`. Modifies the `.inverse h1, .inverse h2, .ir` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-header-color)` in any argument of a style function or in custom CSS.

inverse_link_color

Inverse Link Color. Defaults to `link_color`. Modifies the `.inverse a, .inverse a > code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-link-color)` in any argument of a style function or in custom CSS.

title_slide_text_color

Title Slide Text Color. Defaults to `inverse_text_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-text-color)` in any argument of a style function or in custom CSS.

title_slide_background_color

Title Slide Background Color. Defaults to `inverse_background_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-background-color)` in any argument of a style function or in custom CSS.

title_slide_background_image

Title Slide Background Image URL. Defaults to `NULL`. Modifies the `.title-slide` class.

title_slide_background_size

Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS background-size property values.

title_slide_background_position

Title Slide Background Image Position. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS background-position property values.

footnote_color Footnote text color (if `NA`, then it will be the same color as `text_color`). Defaults to `NULL`. Modifies the `.footnote` class.

footnote_font_size

> Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS font-size property values.

footnote_position_bottom

> Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS position property values.

left_column_subtle_color

> Left Column Text (not last). Defaults to `apply_alpha(base_color, 0.6)`. Modifies the `.left-column h2`, `.left-column h3` classes.

left_column_selected_color

> Left Column Current Selection. Defaults to `base_color`. Modifies the `.left-column h2:last-of-type` classes.

blockquote_left_border_color

> Blockquote Left Border Color. Defaults to `apply_alpha(base_color, 0.5)`. Modifies the `blockquote` element.

table_border_color

> Table top/bottom border. Defaults to #666. Modifies the `table: border-top`, `border-bottom` elements.

table_row_border_color

> Table row inner bottom border. Defaults to #ddd. Modifies the `table thead th: border-bottom` elements.

table_row_even_background_color

> Table Even Row Background Color. Defaults to `darken_color(base_color, 0.7)`. Modifies the `thead`, `tfoot`, `tr:nth-child(even)` elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the `html` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--base-font-size)` in any argument of a style function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-size)` in any argument of a style function or in custom CSS.

header_h1_font_size

> h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h1-font-size)` in any argument of a style function or in custom CSS.

header_h2_font_size

> h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h2-font-size)` in any argument of a style function or in custom CSS.

header_h3_font_size

> h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h3-font-size)` in any argument of a style function or in custom CSS.

header_background_auto

        Add background under slide title automatically for h1 header elements. If not enabled, use `class: header_background` to enable. Defaults to `FALSE`.

header_background_color

        Background Color for h1 Header with Background. Defaults to `header_color`. Modifies the `.remark-slide-content h1` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-background-color)` in any argument of a style function or in custom CSS.

header_background_text_color

        Text Color for h1 Header with Background. Defaults to `background_color`. Modifies the `.remark-slide-content h1` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-background-text-color)` in any argument of a style function or in custom CSS.

header_background_padding

        Padding for h1 Header with Background. Defaults to `NULL`. Modifies the `.remark-slide-content h1` class. Accepts CSS padding property values.

header_background_content_padding_top

        Top Padding for Content in Slide with Header with Background. Defaults to 7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

        Slide Classes Where Header with Background will not be Applied. Defaults to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the `.remark-slide-content` class.

text_slide_number_font_size

        Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number` class. Accepts CSS font-size property values.

text_font_google

        Use `google_font()` to specify body font. Defaults to `NULL`. Modifies the body element.

text_font_family

        Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to `xaringanthemer_font_defaul` Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-family)` in any argument of a style function or in custom CSS.

text_font_weight

        Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`. Modifies the body element. Accepts CSS font-weight property values.

text_bold_font_weight

        Body Bold Text Font Weight. Defaults to bold. Modifies the `strong` element.

text_font_url   Body Text Font URL(s). Defaults to `xaringanthemer_font_default("text_font_url")`. Modifies the `@import url()` elements.

text_font_family_fallback

        Body Text Font Fallbacks. Defaults to `xaringanthemer_font_default("text_font_family_fallbacl` Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-family-fallback)` in any argument of a style function or in custom CSS.

text_font_base Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-base)` in any argument of a style function or in custom CSS.

header_font_google

Use `google_font()` to specify header font. Defaults to NULL. Modifies the body element.

header_font_family

Header Font Family (xaringan default is `'Yanone Kaffeesatz'`). Defaults to `xaringanthemer_font_default("header_font_family")`. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family)` in any argument of a style function or in custom CSS.

header_font_weight

Header Font Weight. Defaults to `xaringanthemer_font_default("header_font_weight")`. Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback

Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family-fallback)` in any argument of a style function or in custom CSS.

header_font_url

Header Font URL. Defaults to `xaringanthemer_font_default("header_font_url")`. Modifies the `@import url` elements.

code_font_google

Use `google_font()` to specify code font. Defaults to NULL. Modifies the body element.

code_font_family

Code Font Family. Defaults to `xaringanthemer_font_default("code_font_family")`. Modifies the `.remark-code, .remark-inline-code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-family)` in any argument of a style function or in custom CSS.

code_font_size Code Text Font Size. Defaults to 0.9rem. Modifies the `.remark-inline` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-size)` in any argument of a style function or in custom CSS.

code_font_url Code Font URL. Defaults to `xaringanthemer_font_default("code_font_url")`. Modifies the `@import url` elements.

code_font_family_fallback

Code Font Fallback. Defaults to `xaringanthemer_font_default("code_font_family_fallback")`. Modifies the `.remark-code, .remark-inline-code` classes.

link_decoration

Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS text-decoration property values.

colors A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, `colors =`

c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that ap-
plies the color to the text or foreground color, and a .bg-blue CSS class that
applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-
value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts   A list of additional fonts to import, each list element can be either a URL
as a character string or a call to [google_font](). To use a font imported in
extra_fonts, you will need to write custom CSS rules that apply the font to
an element or class with the font-family property. See the **Fonts** section of
vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css).
If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as
your CSS file in your slides' YAML header. If you change the name of the output file using the
outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: [style_duo_accent_inverse](), [style_duo_accent](), [style_duo](), [style_mono_accent_inverse](),
[style_mono_accent](), [style_mono_light](), [style_solarized_dark](), [style_solarized_light](),
[xaringanthemer_font_default]()

Other Monotone themes: [style_mono_accent_inverse](), [style_mono_accent](), [style_mono_light]()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_mono_dark(
  base_color = "#cbf7ed",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

style_mono_light *Monotone Light Theme*

Description

A light monotone theme based around a single color.

Usage

```
style_mono_light(
  base_color = "#23395b",
  white_color = lighten_color(base_color, 0.9),
  black_color = darken_color(base_color, 0.3),
  text_color = black_color,
  header_color = base_color,
  background_color = white_color,
  link_color = base_color,
  text_bold_color = base_color,
  text_slide_number_color = base_color,
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "rgba(255,255,0,0.5)",
  code_inline_color = base_color,
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = base_color,
  inverse_text_color = white_color,
  inverse_text_shadow = FALSE,
  inverse_header_color = inverse_text_color,
  inverse_link_color = link_color,
  title_slide_text_color = inverse_text_color,
  title_slide_background_color = inverse_background_color,
  title_slide_background_image = NULL,
  title_slide_background_size = NULL,
  title_slide_background_position = NULL,
  footnote_color = NULL,
  footnote_font_size = "0.9em",
  footnote_position_bottom = "60px",
  left_column_subtle_color = apply_alpha(base_color, 0.6),
  left_column_selected_color = base_color,
  blockquote_left_border_color = apply_alpha(base_color, 0.5),
  table_border_color = "#666",
  table_row_border_color = "#ddd",
  table_row_even_background_color = lighten_color(base_color, 0.8),
  base_font_size = "20px",
```

```
  text_font_size = "1rem",
  header_h1_font_size = "2.75rem",
  header_h2_font_size = "2.25rem",
  header_h3_font_size = "1.75rem",
  header_background_auto = FALSE,
  header_background_color = header_color,
  header_background_text_color = background_color,
  header_background_padding = NULL,
  header_background_content_padding_top = "7rem",
 header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
  text_slide_number_font_size = "0.9rem",
  text_font_google = NULL,
  text_font_family = xaringanthemer_font_default("text_font_family"),
  text_font_weight = xaringanthemer_font_default("text_font_weight"),
  text_bold_font_weight = "bold",
  text_font_url = xaringanthemer_font_default("text_font_url"),
 text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
  text_font_base = "sans-serif",
  header_font_google = NULL,
  header_font_family = xaringanthemer_font_default("header_font_family"),
  header_font_weight = xaringanthemer_font_default("header_font_weight"),
  header_font_family_fallback = "Georgia, serif",
  header_font_url = xaringanthemer_font_default("header_font_url"),
  code_font_google = NULL,
  code_font_family = xaringanthemer_font_default("code_font_family"),
  code_font_size = "0.9rem",
  code_font_url = xaringanthemer_font_default("code_font_url"),
 code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
  link_decoration = "none",
  colors = NULL,
  extra_css = NULL,
  extra_fonts = NULL,
  outfile = "xaringan-themer.css"
)
```

Arguments

base_color	Monotone base color, works best with a strong color. Defaults to #23395b. Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--base) in any argument of a style function or in custom CSS.
white_color	Brightest color used, default is a very light version of base_color. Defaults to lighten_color(base_color, 0.9). Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with var(--white) in any argument of a style function or in custom CSS.
black_color	Darkest color used, default is a very dark, version of base_color. Defaults to darken_color(base_color, 0.3). Used in multiple CSS rules. The value of this variable is also stored as a CSS variable that can be referenced with

var(--black) in any argument of a style function or in custom CSS.

text_color   Text Color. Defaults to black_color. Modifies the body element. The value
                  of this variable is also stored as a CSS variable that can be referenced with
                  var(--text_color) in any argument of a style function or in custom CSS.

header_color   Header Color. Defaults to base_color. Modifies the h1, h2, h3 elements.
                  The value of this variable is also stored as a CSS variable that can be referenced
                  with var(--header-color) in any argument of a style function or in custom
                  CSS.

background_color
                  Slide Background Color. Defaults to white_color. Modifies the .remark-slide-content
                  class. The value of this variable is also stored as a CSS variable that can be ref-
                  erenced with var(--background-color) in any argument of a style function
                  or in custom CSS.

link_color   Link Color. Defaults to base_color. Modifies the a, a > code elements. The
                  value of this variable is also stored as a CSS variable that can be referenced with
                  var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color
                  Bold Text Color. Defaults to base_color. Modifies the strong element. The
                  value of this variable is also stored as a CSS variable that can be referenced with
                  var(--text-bold-color) in any argument of a style function or in custom
                  CSS.

text_slide_number_color
                  Slide Number Color. Defaults to base_color. Modifies the .remark-slide-number
                  class.

padding   Slide Padding in top right [bottom left] format. Defaults to 16px 64px
                  16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding
                  property values.

background_image
                  Background image applied to each *and every* slide. Set title_slide_background_image
                  = "none" to remove the background image from the title slide. Defaults to NULL.
                  Modifies the .remark-slide-content class.

background_size
                  Background image size, requires background_image to be set. If background_image
                  is set, background_size will default to cover so the background fills the screen.
                  If both background_image and background_position are set, will default to
                  100 percent. Defaults to NULL. Modifies the .remark-slide-content class.
                  Accepts CSS background-size property values.

background_position
                  Background image position, requires background_image to be set, and it is rec-
                  ommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content
                  class. Accepts CSS background-position property values.

code_highlight_color
                  Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the .remark-code-line-highlighted
                  class. The value of this variable is also stored as a CSS variable that can be refer-
                  enced with var(--code-highlight-color) in any argument of a style function
                  or in custom CSS.

code_inline_color

> Inline Code Color. Defaults to base_color. Modifies the .remark-inline-code class.

code_inline_background_color

> Inline Code Background Color. Defaults to NULL. Modifies the .remark-inline-code class.

code_inline_font_size

> Inline Code Text Font Size. Defaults to 1em. Modifies the .remark-inline-code class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-inline-font-size) in any argument of a style function or in custom CSS.

inverse_background_color

> Inverse Background Color. Defaults to base_color. Modifies the .inverse class. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-background-color) in any argument of a style function or in custom CSS.

inverse_text_color

> Inverse Text Color. Defaults to white_color. Modifies the .inverse class. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-text-color) in any argument of a style function or in custom CSS.

inverse_text_shadow

> Enables Shadow on text of inverse slides. Defaults to FALSE. Modifies the .inverse class.

inverse_header_color

> Inverse Header Color. Defaults to inverse_text_color. Modifies the .inverse h1, .inverse h2, .in classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-header-color) in any argument of a style function or in custom CSS.

inverse_link_color

> Inverse Link Color. Defaults to link_color. Modifies the .inverse a, .inverse a > code classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-link-color) in any argument of a style function or in custom CSS.

title_slide_text_color

> Title Slide Text Color. Defaults to inverse_text_color. Modifies the .title-slide class. The value of this variable is also stored as a CSS variable that can be referenced with var(--title-slide-text-color) in any argument of a style function or in custom CSS.

title_slide_background_color

> Title Slide Background Color. Defaults to inverse_background_color. Modifies the .title-slide class. The value of this variable is also stored as a CSS variable that can be referenced with var(--title-slide-background-color) in any argument of a style function or in custom CSS.

title_slide_background_image

> Title Slide Background Image URL. Defaults to NULL. Modifies the .title-slide class.

title_slide_background_size

    Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to NULL. Modifies the `.title-slide` class. Accepts CSS background-size property values.

title_slide_background_position

    Title Slide Background Image Position. Defaults to NULL. Modifies the `.title-slide` class. Accepts CSS background-position property values.

footnote_color   Footnote text color (if NA, then it will be the same color as `text_color`). Defaults to NULL. Modifies the `.footnote` class.

footnote_font_size

    Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS font-size property values.

footnote_position_bottom

    Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS position property values.

left_column_subtle_color

    Left Column Text (not last). Defaults to `apply_alpha(base_color, 0.6)`. Modifies the `.left-column h2, .left-column h3` classes.

left_column_selected_color

    Left Column Current Selection. Defaults to `base_color`. Modifies the `.left-column h2:last-of-type` classes.

blockquote_left_border_color

    Blockquote Left Border Color. Defaults to `apply_alpha(base_color, 0.5)`. Modifies the `blockquote` element.

table_border_color

    Table top/bottom border. Defaults to #666. Modifies the `table: border-top, border-bottom` elements.

table_row_border_color

    Table row inner bottom border. Defaults to #ddd. Modifies the `table thead th: border-bottom` elements.

table_row_even_background_color

    Table Even Row Background Color. Defaults to `lighten_color(base_color, 0.8)`. Modifies the `thead, tfoot, tr:nth-child(even)` elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the `html` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--base-font-size)` in any argument of a style function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-size)` in any argument of a style function or in custom CSS.

header_h1_font_size

    h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h1-font-size)` in any argument of a style function or in custom CSS.

header_h2_font_size

> h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h2-font-size)` in any argument of a style function or in custom CSS.

header_h3_font_size

> h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h3-font-size)` in any argument of a style function or in custom CSS.

header_background_auto

> Add background under slide title automatically for h1 header elements. If not enabled, use `class: header_background` to enable. Defaults to FALSE.

header_background_color

> Background Color for h1 Header with Background. Defaults to `header_color`. Modifies the `.remark-slide-content h1` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-background-color)` in any argument of a style function or in custom CSS.

header_background_text_color

> Text Color for h1 Header with Background. Defaults to `background_color`. Modifies the `.remark-slide-content h1` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-background-text-color)` in any argument of a style function or in custom CSS.

header_background_padding

> Padding for h1 Header with Background. Defaults to NULL. Modifies the `.remark-slide-content h1` class. Accepts CSS [padding](#) property values.

header_background_content_padding_top

> Top Padding for Content in Slide with Header with Background. Defaults to 7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

> Slide Classes Where Header with Background will not be Applied. Defaults to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the `.remark-slide-content` class.

text_slide_number_font_size

> Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number` class. Accepts CSS [font-size](#) property values.

text_font_google

> Use `google_font()` to specify body font. Defaults to NULL. Modifies the body element.

text_font_family

> Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to `xaringanthemer_font_defaul` Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-family)` in any argument of a style function or in custom CSS.

text_font_weight

> Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`. Modifies the body element. Accepts CSS [font-weight](#) property values.

text_bold_font_weight
              Body Bold Text Font Weight. Defaults to bold. Modifies the strong element.

text_font_url   Body Text Font URL(s). Defaults to xaringanthemer_font_default("text_font_url").
              Modifies the @import url() elements.

text_font_family_fallback
              Body Text Font Fallbacks. Defaults to xaringanthemer_font_default("text_font_family_fallback
              Modifies the body element. The value of this variable is also stored as a CSS
              variable that can be referenced with var(--text-font-family-fallback) in
              any argument of a style function or in custom CSS.

text_font_base   Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies
              the body element. The value of this variable is also stored as a CSS variable that
              can be referenced with var(--text-font-base) in any argument of a style
              function or in custom CSS.

header_font_google
              Use google_font() to specify header font. Defaults to NULL. Modifies the body
              element.

header_font_family
              Header Font Family (xaringan default is 'Yanone Kaffeesatz'). Defaults to
              xaringanthemer_font_default("header_font_family"). Modifies the h1, h2, h3
              elements. The value of this variable is also stored as a CSS variable that can be
              referenced with var(--header-font-family) in any argument of a style func-
              tion or in custom CSS.

header_font_weight
              Header Font Weight. Defaults to xaringanthemer_font_default("header_font_weight").
              Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback
              Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3
              elements. The value of this variable is also stored as a CSS variable that can be
              referenced with var(--header-font-family-fallback) in any argument of a
              style function or in custom CSS.

header_font_url
              Header Font URL. Defaults to xaringanthemer_font_default("header_font_url").
              Modifies the @import url elements.

code_font_google
              Use google_font() to specify code font. Defaults to NULL. Modifies the body
              element.

code_font_family
              Code Font Family. Defaults to xaringanthemer_font_default("code_font_family").
              Modifies the .remark-code, .remark-inline-code classes. The value of this
              variable is also stored as a CSS variable that can be referenced with var(--code-font-family)
              in any argument of a style function or in custom CSS.

code_font_size   Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class.
              Accepts CSS font-size property values. The value of this variable is also stored
              as a CSS variable that can be referenced with var(--code-font-size) in any
              argument of a style function or in custom CSS.

code_font_url   Code Font URL. Defaults to xaringanthemer_font_default("code_font_url").
              Modifies the @import url elements.

code_font_family_fallback

        Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback").
        Modifies the .remark-code, .remark-inline-code classes.

link_decoration

        Text decoration of links. Defaults to none. Modifies the a, a > code elements.
        Accepts CSS text-decoration property values.

colors   A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors = c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts   A list of additional fonts to import, each list element can be either a URL as a character string or a call to google_font(). To use a font imported in extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as your CSS file in your slides' YAML header. If you change the name of the output file using the outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: style_duo_accent_inverse(), style_duo_accent(), style_duo(), style_mono_accent_inverse(), style_mono_accent(), style_mono_dark(), style_solarized_dark(), style_solarized_light(), xaringanthemer_font_default()

Other Monotone themes: style_mono_accent_inverse(), style_mono_accent(), style_mono_dark()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_mono_light(
```

```
    base_color = "#23395b",
    outfile = xaringan_themer_css # omit in your slides to write the
                                  # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

---

style_solarized_dark   *Solarized Dark Theme*

Description

A dark theme based around on the solarized color scheme. Works well with "highlightStyle: solarized-dark" or "highlighStyle: solarized-light".

Usage

```
style_solarized_dark(
  text_color = "#839496",
  header_color = "#dc322f",
  background_color = "#002b36",
  link_color = "#b58900",
  text_bold_color = "#d33682",
  text_slide_number_color = "#586e75",
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "#268bd240",
  code_inline_color = "#6c71c4",
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = "#fdf6e3",
  inverse_text_color = "#002b36",
  inverse_text_shadow = FALSE,
  inverse_header_color = inverse_text_color,
  inverse_link_color = link_color,
  title_slide_text_color = inverse_text_color,
  title_slide_background_color = inverse_background_color,
  title_slide_background_image = NULL,
  title_slide_background_size = NULL,
  title_slide_background_position = NULL,
  footnote_color = NULL,
  footnote_font_size = "0.9em",
  footnote_position_bottom = "60px",
  left_column_subtle_color = "#586e75",
```

```
  left_column_selected_color = "#93a1a1",
  blockquote_left_border_color = "#cb4b16",
  table_border_color = "#657b83",
  table_row_border_color = "#657b83",
  table_row_even_background_color = "#073642",
  base_font_size = "20px",
  text_font_size = "1rem",
  header_h1_font_size = "2.75rem",
  header_h2_font_size = "2.25rem",
  header_h3_font_size = "1.75rem",
  header_background_auto = FALSE,
  header_background_color = header_color,
  header_background_text_color = background_color,
  header_background_padding = NULL,
  header_background_content_padding_top = "7rem",
 header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
  text_slide_number_font_size = "0.9rem",
  text_font_google = NULL,
  text_font_family = xaringanthemer_font_default("text_font_family"),
  text_font_weight = xaringanthemer_font_default("text_font_weight"),
  text_bold_font_weight = "bold",
  text_font_url = xaringanthemer_font_default("text_font_url"),
 text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
  text_font_base = "sans-serif",
  header_font_google = NULL,
  header_font_family = xaringanthemer_font_default("header_font_family"),
  header_font_weight = xaringanthemer_font_default("header_font_weight"),
  header_font_family_fallback = "Georgia, serif",
  header_font_url = xaringanthemer_font_default("header_font_url"),
  code_font_google = NULL,
  code_font_family = xaringanthemer_font_default("code_font_family"),
  code_font_size = "0.9rem",
  code_font_url = xaringanthemer_font_default("code_font_url"),
 code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
  link_decoration = "none",
  colors = NULL,
  extra_css = NULL,
  extra_fonts = NULL,
  outfile = "xaringan-themer.css"
)
```

Arguments

text_color   Text Color. Defaults to #839496. Modifies the body element. The value of this
                  variable is also stored as a CSS variable that can be referenced with var(--text_color)
                  in any argument of a style function or in custom CSS.

header_color   Header Color. Defaults to #dc322f. Modifies the h1, h2, h3 elements. The
                  value of this variable is also stored as a CSS variable that can be referenced with

var(--header-color) in any argument of a style function or in custom CSS.

background_color

Slide Background Color. Defaults to #002b36. Modifies the .remark-slide-content
class. The value of this variable is also stored as a CSS variable that can be ref-
erenced with var(--background-color) in any argument of a style function
or in custom CSS.

link_color   Link Color. Defaults to #b58900. Modifies the a, a > code elements. The
value of this variable is also stored as a CSS variable that can be referenced with
var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color

Bold Text Color. Defaults to #d33682. Modifies the strong element. The
value of this variable is also stored as a CSS variable that can be referenced with
var(--text-bold-color) in any argument of a style function or in custom
CSS.

text_slide_number_color

Slide Number Color. Defaults to #586e75. Modifies the .remark-slide-number
class.

padding   Slide Padding in top right [bottom left] format. Defaults to 16px 64px
16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding
property values.

background_image

Background image applied to each *and every* slide. Set title_slide_background_image
= "none" to remove the background image from the title slide. Defaults to NULL.
Modifies the .remark-slide-content class.

background_size

Background image size, requires background_image to be set. If background_image
is set, background_size will default to cover so the background fills the screen.
If both background_image and background_position are set, will default to
100 percent. Defaults to NULL. Modifies the .remark-slide-content class.
Accepts CSS background-size property values.

background_position

Background image position, requires background_image to be set, and it is rec-
ommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content
class. Accepts CSS background-position property values.

code_highlight_color

Code Line Highlight. Defaults to #268bd240. Modifies the .remark-code-line-highlighted
class. The value of this variable is also stored as a CSS variable that can be refer-
enced with var(--code-highlight-color) in any argument of a style function
or in custom CSS.

code_inline_color

Inline Code Color. Defaults to #6c71c4. Modifies the .remark-inline-code
class.

code_inline_background_color

Inline Code Background Color. Defaults to NULL. Modifies the .remark-inline-code
class.

code_inline_font_size

Inline Code Text Font Size. Defaults to 1em. Modifies the .remark-inline-code
class. Accepts CSS font-size property values. The value of this variable is also

stored as a CSS variable that can be referenced with var(--code-inline-font-size) in any argument of a style function or in custom CSS.

inverse_background_color

Inverse Background Color. Defaults to #fdf6e3. Modifies the .inverse class. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-background-color) in any argument of a style function or in custom CSS.

inverse_text_color

Inverse Text Color. Defaults to #002b36. Modifies the .inverse class. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-text-color) in any argument of a style function or in custom CSS.

inverse_text_shadow

Enables Shadow on text of inverse slides. Defaults to FALSE. Modifies the .inverse class.

inverse_header_color

Inverse Header Color. Defaults to inverse_text_color. Modifies the .inverse h1, .inverse h2, .ir classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-header-color) in any argument of a style function or in custom CSS.

inverse_link_color

Inverse Link Color. Defaults to link_color. Modifies the .inverse a, .inverse a > code classes. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-link-color) in any argument of a style function or in custom CSS.

title_slide_text_color

Title Slide Text Color. Defaults to inverse_text_color. Modifies the .title-slide class. The value of this variable is also stored as a CSS variable that can be referenced with var(--title-slide-text-color) in any argument of a style function or in custom CSS.

title_slide_background_color

Title Slide Background Color. Defaults to inverse_background_color. Modifies the .title-slide class. The value of this variable is also stored as a CSS variable that can be referenced with var(--title-slide-background-color) in any argument of a style function or in custom CSS.

title_slide_background_image

Title Slide Background Image URL. Defaults to NULL. Modifies the .title-slide class.

title_slide_background_size

Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to NULL. Modifies the .title-slide class. Accepts CSS background-size property values.

title_slide_background_position

Title Slide Background Image Position. Defaults to NULL. Modifies the .title-slide class. Accepts CSS background-position property values.

footnote_color Footnote text color (if NA, then it will be the same color as text_color). Defaults to NULL. Modifies the .footnote class.

footnote_font_size

> Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS [font-size] property values.

footnote_position_bottom

> Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS [position] property values.

left_column_subtle_color

> Left Column Text (not last). Defaults to #586e75. Modifies the `.left-column h2, .left-column h3` classes.

left_column_selected_color

> Left Column Current Selection. Defaults to #93a1a1. Modifies the `.left-column h2:last-of-type, .l` classes.

blockquote_left_border_color

> Blockquote Left Border Color. Defaults to #cb4b16. Modifies the `blockquote` element.

table_border_color

> Table top/bottom border. Defaults to #657b83. Modifies the `table: border-top, border-bottom` elements.

table_row_border_color

> Table row inner bottom border. Defaults to #657b83. Modifies the `table thead th: border-bottom` elements.

table_row_even_background_color

> Table Even Row Background Color. Defaults to #073642. Modifies the `thead, tfoot, tr:nth-child(e` elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the `html` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--base-font-size)` in any argument of a style function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content` class. Accepts CSS [font-size] property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-size)` in any argument of a style function or in custom CSS.

header_h1_font_size

> h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1` class. Accepts CSS [font-size] property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h1-font-size)` in any argument of a style function or in custom CSS.

header_h2_font_size

> h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2` class. Accepts CSS [font-size] property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h2-font-size)` in any argument of a style function or in custom CSS.

header_h3_font_size

> h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3` class. Accepts CSS [font-size] property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-h3-font-size)` in any argument of a style function or in custom CSS.

header_background_auto

>   Add background under slide title automatically for h1 header elements. If not
>   enabled, use `class: header_background` to enable. Defaults to `FALSE`.

header_background_color

>   Background Color for h1 Header with Background. Defaults to `header_color`.
>   Modifies the `.remark-slide-content h1` class. The value of this variable is
>   also stored as a CSS variable that can be referenced with `var(--header-background-color)`
>   in any argument of a style function or in custom CSS.

header_background_text_color

>   Text Color for h1 Header with Background. Defaults to `background_color`.
>   Modifies the `.remark-slide-content h1` class. The value of this variable is
>   also stored as a CSS variable that can be referenced with `var(--header-background-text-color)`
>   in any argument of a style function or in custom CSS.

header_background_padding

>   Padding for h1 Header with Background. Defaults to `NULL`. Modifies the `.remark-slide-content h1`
>   class. Accepts CSS padding property values.

header_background_content_padding_top

>   Top Padding for Content in Slide with Header with Background. Defaults to
>   7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

>   Slide Classes Where Header with Background will not be Applied. Defaults
>   to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the
>   `.remark-slide-content` class.

text_slide_number_font_size

>   Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number`
>   class. Accepts CSS font-size property values.

text_font_google

>   Use `google_font()` to specify body font. Defaults to `NULL`. Modifies the body
>   element.

text_font_family

>   Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to `xaringanthemer_font_defaul`
>   Modifies the body element. The value of this variable is also stored as a CSS
>   variable that can be referenced with `var(--text-font-family)` in any argu-
>   ment of a style function or in custom CSS.

text_font_weight

>   Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`.
>   Modifies the body element. Accepts CSS font-weight property values.

text_bold_font_weight

>   Body Bold Text Font Weight. Defaults to bold. Modifies the `strong` element.

text_font_url   Body Text Font URL(s). Defaults to `xaringanthemer_font_default("text_font_url")`.
>   Modifies the `@import url()` elements.

text_font_family_fallback

>   Body Text Font Fallbacks. Defaults to `xaringanthemer_font_default("text_font_family_fallbac`
>   Modifies the body element. The value of this variable is also stored as a CSS
>   variable that can be referenced with `var(--text-font-family-fallback)` in
>   any argument of a style function or in custom CSS.

text_font_base Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-font-base)` in any argument of a style function or in custom CSS.

header_font_google

Use `google_font()` to specify header font. Defaults to NULL. Modifies the body element.

header_font_family

Header Font Family (xaringan default is `'Yanone Kaffeesatz'`). Defaults to `xaringanthemer_font_default("header_font_family")`. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family)` in any argument of a style function or in custom CSS.

header_font_weight

Header Font Weight. Defaults to `xaringanthemer_font_default("header_font_weight")`. Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback

Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-font-family-fallback)` in any argument of a style function or in custom CSS.

header_font_url

Header Font URL. Defaults to `xaringanthemer_font_default("header_font_url")`. Modifies the `@import url` elements.

code_font_google

Use `google_font()` to specify code font. Defaults to NULL. Modifies the body element.

code_font_family

Code Font Family. Defaults to `xaringanthemer_font_default("code_font_family")`. Modifies the `.remark-code`, `.remark-inline-code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-family)` in any argument of a style function or in custom CSS.

code_font_size Code Text Font Size. Defaults to 0.9rem. Modifies the `.remark-inline` class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-font-size)` in any argument of a style function or in custom CSS.

code_font_url Code Font URL. Defaults to `xaringanthemer_font_default("code_font_url")`. Modifies the `@import url` elements.

code_font_family_fallback

Code Font Fallback. Defaults to `xaringanthemer_font_default("code_font_family_fallback")`. Modifies the `.remark-code`, `.remark-inline-code` classes.

link_decoration

Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS text-decoration property values.

colors A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors =

c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts   A list of additional fonts to import, each list element can be either a URL as a character string or a call to [google_font](). To use a font imported in extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as your CSS file in your slides' YAML header. If you change the name of the output file using the outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

References

<https://ethanschoonover.com/solarized/>

See Also

Other themes: [style_duo_accent_inverse](), [style_duo_accent](), [style_duo](), [style_mono_accent_inverse](), [style_mono_accent](), [style_mono_dark](), [style_mono_light](), [style_solarized_light](), [xaringanthemer_font_default]()

Other Solarized themes: [style_solarized_light]()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_solarized_dark(
  outfile = xaringan_themer_css # omit in your slides to write the
                               # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

style_solarized_light   *Solarized Light Theme*

Description

A light theme based around on the solarized color scheme. Works well with "highlightStyle: solarized-dark" or "highlighStyle: solarized-light".

Usage

```
style_solarized_light(
  text_color = "#657b83",
  header_color = "#dc322f",
  background_color = "#fdf6e3",
  link_color = "#b58900",
  text_bold_color = "#d33682",
  text_slide_number_color = "#93a1a1",
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "#268bd240",
  code_inline_color = "#6c71c4",
  code_inline_background_color = NULL,
  code_inline_font_size = "1em",
  inverse_background_color = "#002b36",
  inverse_text_color = "#fdf6e3",
  inverse_text_shadow = FALSE,
  inverse_header_color = inverse_text_color,
  inverse_link_color = link_color,
  title_slide_text_color = inverse_text_color,
  title_slide_background_color = inverse_background_color,
  title_slide_background_image = NULL,
  title_slide_background_size = NULL,
  title_slide_background_position = NULL,
  footnote_color = NULL,
  footnote_font_size = "0.9em",
  footnote_position_bottom = "60px",
  left_column_subtle_color = "#93a1a1",
  left_column_selected_color = "#586e75",
  blockquote_left_border_color = "#cb4b16",
  table_border_color = "#839496",
  table_row_border_color = "#839496",
  table_row_even_background_color = "#eee8d5",
  base_font_size = "20px",
  text_font_size = "1rem",
  header_h1_font_size = "2.75rem",
```

```
  header_h2_font_size = "2.25rem",
  header_h3_font_size = "1.75rem",
  header_background_auto = FALSE,
  header_background_color = header_color,
  header_background_text_color = background_color,
  header_background_padding = NULL,
  header_background_content_padding_top = "7rem",
 header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
  text_slide_number_font_size = "0.9rem",
  text_font_google = NULL,
  text_font_family = xaringanthemer_font_default("text_font_family"),
  text_font_weight = xaringanthemer_font_default("text_font_weight"),
  text_bold_font_weight = "bold",
  text_font_url = xaringanthemer_font_default("text_font_url"),
 text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
  text_font_base = "sans-serif",
  header_font_google = NULL,
  header_font_family = xaringanthemer_font_default("header_font_family"),
  header_font_weight = xaringanthemer_font_default("header_font_weight"),
  header_font_family_fallback = "Georgia, serif",
  header_font_url = xaringanthemer_font_default("header_font_url"),
  code_font_google = NULL,
  code_font_family = xaringanthemer_font_default("code_font_family"),
  code_font_size = "0.9rem",
  code_font_url = xaringanthemer_font_default("code_font_url"),
 code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
  link_decoration = "none",
  colors = NULL,
  extra_css = NULL,
  extra_fonts = NULL,
  outfile = "xaringan-themer.css"
)
```

Arguments

text_color   Text Color. Defaults to #657b83. Modifies the body element. The value of this
                   variable is also stored as a CSS variable that can be referenced with var(--text_color)
                   in any argument of a style function or in custom CSS.

header_color   Header Color. Defaults to #dc322f. Modifies the h1, h2, h3 elements. The
                   value of this variable is also stored as a CSS variable that can be referenced with
                   var(--header-color) in any argument of a style function or in custom CSS.

background_color
                   Slide Background Color. Defaults to #fdf6e3. Modifies the .remark-slide-content
                   class. The value of this variable is also stored as a CSS variable that can be ref-
                   erenced with var(--background-color) in any argument of a style function
                   or in custom CSS.

link_color   Link Color. Defaults to #b58900. Modifies the a, a > code elements. The
                   value of this variable is also stored as a CSS variable that can be referenced with

var(--link-color) in any argument of a style function or in custom CSS.

text_bold_color

Bold Text Color. Defaults to #d33682. Modifies the strong element. The value of this variable is also stored as a CSS variable that can be referenced with var(--text-bold-color) in any argument of a style function or in custom CSS.

text_slide_number_color

Slide Number Color. Defaults to #93a1a1. Modifies the .remark-slide-number class.

padding   Slide Padding in top right [bottom left] format. Defaults to 16px 64px 16px 64px. Modifies the .remark-slide-content class. Accepts CSS padding property values.

background_image

Background image applied to each *and every* slide. Set title_slide_background_image = "none" to remove the background image from the title slide. Defaults to NULL. Modifies the .remark-slide-content class.

background_size

Background image size, requires background_image to be set. If background_image is set, background_size will default to cover so the background fills the screen. If both background_image and background_position are set, will default to 100 percent. Defaults to NULL. Modifies the .remark-slide-content class. Accepts CSS background-size property values.

background_position

Background image position, requires background_image to be set, and it is recommended to adjust background_size. Defaults to NULL. Modifies the .remark-slide-content class. Accepts CSS background-position property values.

code_highlight_color

Code Line Highlight. Defaults to #268bd240. Modifies the .remark-code-line-highlighted class. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-highlight-color) in any argument of a style function or in custom CSS.

code_inline_color

Inline Code Color. Defaults to #6c71c4. Modifies the .remark-inline-code class.

code_inline_background_color

Inline Code Background Color. Defaults to NULL. Modifies the .remark-inline-code class.

code_inline_font_size

Inline Code Text Font Size. Defaults to 1em. Modifies the .remark-inline-code class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-inline-font-size) in any argument of a style function or in custom CSS.

inverse_background_color

Inverse Background Color. Defaults to #002b36. Modifies the .inverse class. The value of this variable is also stored as a CSS variable that can be referenced with var(--inverse-background-color) in any argument of a style function or in custom CSS.

inverse_text_color

        Inverse Text Color. Defaults to #fdf6e3. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

inverse_text_shadow

        Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

        Inverse Header Color. Defaults to `inverse_text_color`. Modifies the `.inverse h1`, `.inverse h2`, `.in` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-header-color)` in any argument of a style function or in custom CSS.

inverse_link_color

        Inverse Link Color. Defaults to `link_color`. Modifies the `.inverse a`, `.inverse a > code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-link-color)` in any argument of a style function or in custom CSS.

title_slide_text_color

        Title Slide Text Color. Defaults to `inverse_text_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-text-color)` in any argument of a style function or in custom CSS.

title_slide_background_color

        Title Slide Background Color. Defaults to `inverse_background_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-background-color)` in any argument of a style function or in custom CSS.

title_slide_background_image

        Title Slide Background Image URL. Defaults to `NULL`. Modifies the `.title-slide` class.

title_slide_background_size

        Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-size](#) property values.

title_slide_background_position

        Title Slide Background Image Position. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-position](#) property values.

footnote_color   Footnote text color (if `NA`, then it will be the same color as `text_color`). Defaults to `NULL`. Modifies the `.footnote` class.

footnote_font_size

        Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS [font-size](#) property values.

footnote_position_bottom

        Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS [position](#) property values.

left_column_subtle_color

        Left Column Text (not last). Defaults to #93a1a1. Modifies the `.left-column h2`, `.left-column h3` classes.

left_column_selected_color

Left Column Current Selection. Defaults to #586e75. Modifies the `.left-column h2:last-of-type, .l`
classes.

blockquote_left_border_color

Blockquote Left Border Color. Defaults to #cb4b16. Modifies the `blockquote`
element.

table_border_color

Table top/bottom border. Defaults to #839496. Modifies the `table: border-top, border-bottom`
elements.

table_row_border_color

Table row inner bottom border. Defaults to #839496. Modifies the `table thead th: border-bottom`
elements.

table_row_even_background_color

Table Even Row Background Color. Defaults to #eee8d5. Modifies the `thead, tfoot, tr:nth-child(e`
elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies
the `html` element. The value of this variable is also stored as a CSS variable that
can be referenced with `var(--base-font-size)` in any argument of a style
function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content`
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with `var(--text-font-size)`
in any argument of a style function or in custom CSS.

header_h1_font_size

h1 Header Text Font Size. Defaults to 2.75rem. Modifies the `.remark-slide-content h1`
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with `var(--header-h1-font-size)`
in any argument of a style function or in custom CSS.

header_h2_font_size

h2 Header Text Font Size. Defaults to 2.25rem. Modifies the `.remark-slide-content h2`
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with `var(--header-h2-font-size)`
in any argument of a style function or in custom CSS.

header_h3_font_size

h3 Header Text Font Size. Defaults to 1.75rem. Modifies the `.remark-slide-content h3`
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with `var(--header-h3-font-size)`
in any argument of a style function or in custom CSS.

header_background_auto

Add background under slide title automatically for h1 header elements. If not
enabled, use `class: header_background` to enable. Defaults to `FALSE`.

header_background_color

Background Color for h1 Header with Background. Defaults to `header_color`.
Modifies the `.remark-slide-content h1` class. The value of this variable is
also stored as a CSS variable that can be referenced with `var(--header-background-color)`
in any argument of a style function or in custom CSS.

header_background_text_color

    Text Color for h1 Header with Background. Defaults to `background_color`.
    Modifies the `.remark-slide-content` h1 class. The value of this variable is
    also stored as a CSS variable that can be referenced with `var(--header-background-text-color)`
    in any argument of a style function or in custom CSS.

header_background_padding

    Padding for h1 Header with Background. Defaults to `NULL`. Modifies the `.remark-slide-content h1`
    class. Accepts CSS [padding]{.red} property values.

header_background_content_padding_top

    Top Padding for Content in Slide with Header with Background. Defaults to
    7rem. Modifies the `.remark-slide-content` class.

header_background_ignore_classes

    Slide Classes Where Header with Background will not be Applied. Defaults
    to `c('normal', 'inverse', 'title', 'middle', 'bottom')`. Modifies the
    `.remark-slide-content` class.

text_slide_number_font_size

    Slide Number Text Font Size. Defaults to 0.9rem. Modifies the `.remark-slide-number`
    class. Accepts CSS [font-size]{.red} property values.

text_font_google

    Use `google_font()` to specify body font. Defaults to `NULL`. Modifies the body
    element.

text_font_family

    Body Text Font Family (xaringan default is `'Droid Serif'`). Defaults to `xaringanthemer_font_defaul`
    Modifies the body element. The value of this variable is also stored as a CSS
    variable that can be referenced with `var(--text-font-family)` in any argu-
    ment of a style function or in custom CSS.

text_font_weight

    Body Text Font Weight. Defaults to `xaringanthemer_font_default("text_font_weight")`.
    Modifies the body element. Accepts CSS [font-weight]{.red} property values.

text_bold_font_weight

    Body Bold Text Font Weight. Defaults to bold. Modifies the `strong` element.

text_font_url   Body Text Font URL(s). Defaults to `xaringanthemer_font_default("text_font_url")`.
    Modifies the `@import url()` elements.

text_font_family_fallback

    Body Text Font Fallbacks. Defaults to `xaringanthemer_font_default("text_font_family_fallbac`
    Modifies the body element. The value of this variable is also stored as a CSS
    variable that can be referenced with `var(--text-font-family-fallback)` in
    any argument of a style function or in custom CSS.

text_font_base   Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies
    the body element. The value of this variable is also stored as a CSS variable that
    can be referenced with `var(--text-font-base)` in any argument of a style
    function or in custom CSS.

header_font_google

    Use `google_font()` to specify header font. Defaults to `NULL`. Modifies the body
    element.

header_font_family

> Header Font Family (xaringan default is 'Yanone Kaffeesatz'). Defaults to
> xaringanthemer_font_default("header_font_family"). Modifies the h1, h2, h3
> elements. The value of this variable is also stored as a CSS variable that can be
> referenced with var(--header-font-family) in any argument of a style func-
> tion or in custom CSS.

header_font_weight

> Header Font Weight. Defaults to xaringanthemer_font_default("header_font_weight").
> Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback

> Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3
> elements. The value of this variable is also stored as a CSS variable that can be
> referenced with var(--header-font-family-fallback) in any argument of a
> style function or in custom CSS.

header_font_url

> Header Font URL. Defaults to xaringanthemer_font_default("header_font_url").
> Modifies the @import url elements.

code_font_google

> Use google_font() to specify code font. Defaults to NULL. Modifies the body
> element.

code_font_family

> Code Font Family. Defaults to xaringanthemer_font_default("code_font_family").
> Modifies the .remark-code, .remark-inline-code classes. The value of this
> variable is also stored as a CSS variable that can be referenced with var(--code-font-family)
> in any argument of a style function or in custom CSS.

code_font_size Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class.
> Accepts CSS font-size property values. The value of this variable is also stored
> as a CSS variable that can be referenced with var(--code-font-size) in any
> argument of a style function or in custom CSS.

code_font_url Code Font URL. Defaults to xaringanthemer_font_default("code_font_url").
> Modifies the @import url elements.

code_font_family_fallback

> Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback").
> Modifies the .remark-code, .remark-inline-code classes.

link_decoration

> Text decoration of links. Defaults to none. Modifies the a, a > code elements.
> Accepts CSS text-decoration property values.

colors A named vector of custom colors. The names of the colors become CSS vari-
> ables and classes that can be used within your slides. For example, colors =
> c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that ap-
> plies the color to the text or foreground color, and a .bg-blue CSS class that
> applies the color to the background.

extra_css A named list of CSS definitions each containing a named list of CSS property-
> value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts A list of additional fonts to import, each list element can be either a URL
> as a character string or a call to google_font(). To use a font imported in

extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as your CSS file in your slides' YAML header. If you change the name of the output file using the outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

References

<https://ethanschoonover.com/solarized/>

See Also

Other themes: [style_duo_accent_inverse](), [style_duo_accent](), [style_duo](), [style_mono_accent_inverse](), [style_mono_accent](), [style_mono_dark](), [style_mono_light](), [style_solarized_dark](), [xaringanthemer_font_default]()

Other Solarized themes: [style_solarized_dark]()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_solarized_light(
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

---

theme_xaringan   *A Plot Theme for ggplot2 by xaringanthemer*

Description

[Maturing]

Creates **ggplot2** themes to match the xaringanthemer theme used in the **xaringan** slides that seamlessly matches the "normal" slide colors and styles. See vignette("ggplot2-themes") for more information and examples.

Usage

```
theme_xaringan(
  text_color = NULL,
  background_color = NULL,
  accent_color = NULL,
  accent_secondary_color = NULL,
  css_file = NULL,
  set_ggplot_defaults = TRUE,
  text_font = NULL,
  text_font_use_google = NULL,
  text_font_size = NULL,
  title_font = NULL,
  title_font_use_google = NULL,
  title_font_size = NULL,
  use_showtext = NULL
)
```

Arguments

text_color	Color for text and foreground, inherits from text_color
background_color	
	Color for background, inherits from background_color
accent_color	Color for titles and accents, inherits from header_color
accent_secondary_color	
	Color for secondary accents, inherits from text_bold_color
css_file	Path to a **xaringanthemer** CSS file, from which the theme variables and values will be inferred. In general, if you use the **xaringathemer** defaults, you will not need to set this. This feature lets you create a **ggplot2** theme for your **xaringan** slides, even if you have only saved your theme CSS file and you aren't creating your CSS theme with **xaringanthemer** in your slides' source file.
set_ggplot_defaults	
	Should defaults be set for **ggplot2** *geoms*? Defaults to TRUE. To restore ggplot's defaults, or the previously set geom defaults, see [theme_xaringan_restore_defaults()]().

text_font   Font to use for text elements, passed to sysfonts::font_add_google(), if
                     available and text_font_use_google is TRUE. Inherits from text_font_family.
                     If manually specified, can be a google_font().

text_font_use_google
                     Is text_font available on Google Fonts?

text_font_size   Base text font size, inherits from text_font_size, or defaults to 11.

title_font   Font to use for title elements, passed to sysfonts::font_add_google(), if
                     available and title_font_use_google is TRUE. Inherits from title_font_family.
                     If manually specified, can be a google_font().

title_font_use_google
                     Is title_font available on Google Fonts?

title_font_size
                     Base text font size, inherits from title_font_size, or defaults to 14.

use_showtext   If TRUE the **showtext** package will be used to register Google fonts. Set to FALSE
                     to disable this feature entirely, which may result in errors during plotting if the
                     fonts used are not available locally. The default is TRUE when the **showtext**
                     package is installed.

Value

A ggplot2 theme

See Also

Other xaringanthemer ggplot2 themes: theme_xaringan_base(), theme_xaringan_inverse(),
theme_xaringan_set_defaults()

Examples

```
# Requires ggplot2
has_ggplot2 <- requireNamespace("ggplot2", quietly = TRUE)

if (has_ggplot2) {
  # Because this is an example, we'll save the CSS to a temp file
  path_to_css_file <- tempfile(fileext = ".css")

  # Create the xaringan theme: dark blue background with teal green accents
  style_duo(
    primary_color = "#002b36",
    secondary_color = "#31b09e",
    # Using basic fonts for this example, but the plot theme will
    # automatically use your theme font if you use Google fonts
    text_font_family = "sans",
    header_font_family = "serif",
    outfile = path_to_css_file
  )

  library(ggplot2)
  ggplot(mpg) +
```

```
    aes(cty, hwy) +
    geom_point() +
    ggtitle("Fuel Efficiency of Various Cars") +
    theme_xaringan()
}
```

---

theme_xaringan_base   *The ggplot2 xaringanthemer base plot theme*

Description

[Maturing]

Provides a base plot theme for **ggplot2** to match the **xaringan** slide theme created by xaringanthemer. The theme is designed to create a general plot style from two colors, a background_color and a text_color (or foreground color). Also accepts an accent_color and an accent_secondary_color that are xaringanthemer is not required for the base theme. Use theme_xaringan() or theme_xaringan_inverse() in xaringan slides styled by xaringanthemer for a plot theme that matches the slide style. See vignette("ggplot2-themes") for more information and examples.

Usage

```
theme_xaringan_base(
  text_color,
  background_color,
  ...,
  set_ggplot_defaults = TRUE,
  accent_color = NULL,
  accent_secondary_color = NULL,
  text_font = NULL,
  text_font_use_google = NULL,
  text_font_size = NULL,
  title_font = NULL,
  title_font_use_google = NULL,
  title_font_size = NULL,
  use_showtext = NULL
)
```

Arguments

text_color   Color for text and foreground

background_color

                  Color for background

...   Ignored

set_ggplot_defaults

                  Should defaults be set for **ggplot2** *geoms*? Defaults to TRUE. To restore ggplot's
                  defaults, or the previously set geom defaults, see theme_xaringan_restore_defaults().

accent_color   Color for titles and accents, inherits from header_color or text_color. Used
                  for the title base setting in ggplot2::theme(), and additionally for setting
                  the color or fill of **ggplot2** geom defaults.

accent_secondary_color

                  Color for secondary accents, inherits from text_bold_color or accent_color.
                  Used only when setting **ggplot2** geom defaults.

text_font   Font to use for text elements, passed to sysfonts::font_add_google(), if
                  available and text_font_use_google is TRUE. Inherits from text_font_family.
                  If manually specified, can be a google_font().

text_font_use_google

                  Is text_font available on Google Fonts?

text_font_size   Base text font size, inherits from text_font_size, or defaults to 11.

title_font   Font to use for title elements, passed to sysfonts::font_add_google(), if
                  available and title_font_use_google is TRUE. Inherits from title_font_family.
                  If manually specified, can be a google_font().

title_font_use_google

                  Is title_font available on Google Fonts?

title_font_size

                  Base text font size, inherits from title_font_size, or defaults to 14.

use_showtext   If TRUE the **showtext** package will be used to register Google fonts. Set to FALSE
                  to disable this feature entirely, which may result in errors during plotting if the
                  fonts used are not available locally. The default is TRUE when the **showtext**
                  package is installed.

Value

A ggplot2 theme

See Also

Other xaringanthemer ggplot2 themes: theme_xaringan_inverse(), theme_xaringan_set_defaults(),
theme_xaringan()

Examples

```
# Requires ggplot2
has_ggplot2 <- requireNamespace("ggplot2", quietly = TRUE)

if (has_ggplot2) {
  library(ggplot2)

  plot1 <- ggplot(mpg) +
    aes(cty, hwy) +
    geom_point() +
    theme_xaringan_base(
      text_color = "#602f6b",       # imperial
      background_color = "#f8f8f8", # light gray
      accent_color = "#317873",     # myrtle green
```

```
      title_font = "sans",
      text_font = "serif",
      set_ggplot_defaults = TRUE
    ) +
    labs(
      title = "Fuel Efficiency of Various Cars",
      subtitle = "+ theme_xaringan_base()",
      caption = "xaringanthemer"
    )

  print(plot1)

  plot2 <- ggplot(mpg) +
    aes(hwy) +
    geom_histogram(binwidth = 2) +
    theme_xaringan_base(
      text_color = "#a8a9c8",      # light purple
      background_color = "#303163", # deep slate purple
      accent_color = "#ffff99",     # canary yellow
      title_font = "sans",
      text_font = "serif",
      set_ggplot_defaults = TRUE
    ) +
    labs(
      title = "Highway Fuel Efficiency",
      subtitle = "+ theme_xaringan_base()",
      caption = "xaringanthemer"
    )

  print(plot2)
}
```

---

theme_xaringan_get_value

Get the Value of xaringanthemer Style Setting

Description

A helper function to retrieve the value of style settings as set by a xaringanthemer style function, for use in plotting and other circumstances.

Usage

```
theme_xaringan_get_value(setting, css_file = NULL)
```

Arguments

setting   A xaringanthemer style setting

css_file   Path to a **xaringanthemer** CSS file, from which the theme variables and values will be inferred. In general, if you use the **xaringathemer** defaults, you will not need to set this. This feature lets you create a **ggplot2** theme for your **xaringan** slides, even if you have only saved your theme CSS file and you aren't creating your CSS theme with **xaringanthemer** in your slides' source file.

Value

The value of the xaringanthemer style parameter.

Style Settings

Style settings used by xaringanthemer include:

- background_color
- background_image
- background_position
- background_size
- blockquote_left_border_color
- code_font_family
- code_font_family_fallback
- code_font_google
- code_font_is_google
- code_font_size
- code_font_url
- code_highlight_color
- code_inline_background_color
- code_inline_color
- code_inline_font_size
- extra_css
- extra_fonts
- footnote_color
- footnote_font_size
- footnote_position_bottom
- header_background_auto
- header_background_color
- header_background_content_padding_top
- header_background_ignore_classes
- header_background_padding
- header_background_text_color
- header_color

- `header_font_family`
- `header_font_google`
- `header_font_is_google`
- `header_font_url`
- `header_font_weight`
- `header_h1_font_size`
- `header_h2_font_size`
- `header_h3_font_size`
- `inverse_background_color`
- `inverse_header_color`
- `inverse_text_color`
- `inverse_text_shadow`
- `left_column_selected_color`
- `left_column_subtle_color`
- `link_color`
- `padding`
- `table_border_color`
- `table_row_border_color`
- `table_row_even_background_color`
- `text_bold_color`
- `text_color`
- `text_font_base`
- `text_font_family`
- `text_font_family_fallback`
- `text_font_google`
- `text_font_is_google`
- `text_font_size`
- `text_font_url`
- `text_font_weight`
- `text_slide_number_color`
- `text_slide_number_font_size`
- `title_slide_background_color`
- `title_slide_background_image`
- `title_slide_background_position`
- `title_slide_background_size`
- `title_slide_text_color`

Examples

```
# Create a xaringanthemer style in a temporary file for this example
xaringan_themer_css <- tempfile("xaringan-themer", fileext = ".css")

style_solarized_light(outfile = xaringan_themer_css)

theme_xaringan_get_value("text_color")
theme_xaringan_get_value("background_color")
theme_xaringan_get_value("header_color")
theme_xaringan_get_value("text_bold_color")
```

---

theme_xaringan_inverse

An Inverse Plot Theme for ggplot2 by xaringanthemer

Description

[Maturing]

A **ggplot2** xaringanthemer plot theme to seamlessly match the "inverse" **xaringan** slide colors and styles as styled by [xaringanthemer.](#) See vignette("ggplot2-themes") for more information and examples.

Usage

```
theme_xaringan_inverse(
  text_color = NULL,
  background_color = NULL,
  accent_color = NULL,
  accent_secondary_color = NULL,
  css_file = NULL,
  set_ggplot_defaults = TRUE,
  text_font = NULL,
  text_font_use_google = NULL,
  text_font_size = NULL,
  title_font = NULL,
  title_font_use_google = NULL,
  title_font_size = NULL,
  use_showtext = NULL
)
```

Arguments

text_color	Color for text and foreground, inherits from text_color
background_color	
	Color for background, inherits from background_color
accent_color	Color for titles and accents, inherits from header_color

accent_secondary_color

> Color for secondary accents, inherits from `text_bold_color`

css_file

> Path to a **xaringanthemer** CSS file, from which the theme variables and values will be inferred. In general, if you use the **xaringathemer** defaults, you will not need to set this. This feature lets you create a **ggplot2** theme for your **xaringan** slides, even if you have only saved your theme CSS file and you aren't creating your CSS theme with **xaringanthemer** in your slides' source file.

set_ggplot_defaults

> Should defaults be set for **ggplot2** *geoms*? Defaults to TRUE. To restore ggplot's defaults, or the previously set geom defaults, see `theme_xaringan_restore_defaults()`.

text_font

> Font to use for text elements, passed to `sysfonts::font_add_google()`, if available and `text_font_use_google` is TRUE. Inherits from `text_font_family`. If manually specified, can be a `google_font()`.

text_font_use_google

> Is `text_font` available on Google Fonts?

text_font_size Base text font size, inherits from `text_font_size`, or defaults to 11.

title_font

> Font to use for title elements, passed to `sysfonts::font_add_google()`, if available and `title_font_use_google` is TRUE. Inherits from `title_font_family`. If manually specified, can be a `google_font()`.

title_font_use_google

> Is `title_font` available on Google Fonts?

title_font_size

> Base text font size, inherits from `title_font_size`, or defaults to 14.

use_showtext If TRUE the **showtext** package will be used to register Google fonts. Set to FALSE to disable this feature entirely, which may result in errors during plotting if the fonts used are not available locally. The default is TRUE when the **showtext** package is installed.

Value

A ggplot2 theme

See Also

Other xaringanthemer ggplot2 themes: `theme_xaringan_base()`, `theme_xaringan_set_defaults()`, `theme_xaringan()`

Examples

```
# Requires ggplot2
has_ggplot2 <- requireNamespace("ggplot2", quietly = TRUE)

if (has_ggplot2) {
  # Because this is an example, we'll save the CSS to a temp file
  path_to_css_file <- tempfile(fileext = ".css")

  # Create the xaringan theme: dark blue background with teal green accents
  style_duo(
```

```
    primary_color = "#002b36",
    secondary_color = "#31b09e",
    # Using basic fonts for this example, but the plot theme will
    # automatically use your theme font if you use Google fonts
    text_font_family = "sans",
    header_font_family = "serif",
    outfile = path_to_css_file
  )

  library(ggplot2)
  ggplot(mpg) +
    aes(cty, hwy) +
    geom_point() +
    ggtitle("Fuel Efficiency of Various Cars") +
    # themed to match the inverse slides: teal background with dark blue text
    theme_xaringan_inverse()
}
```

---

theme_xaringan_set_defaults

Set and Restore ggplot2 geom Defaults

Description

[Maturing]

Set **ggplot2** *geom* defaults to match [theme_xaringan()](#) with theme_xaringan_set_defaults()
and restore the standard or previously-set defaults with theme_xaringan_restore_defaults().
By default, theme_xaringan_set_defaults() is run with [theme_xaringan()](#) or [theme_xaringan_inverse()](#).

Usage

```
theme_xaringan_set_defaults(
  text_color = NULL,
  background_color = NULL,
  accent_color = text_color,
  accent_secondary_color = accent_color,
  text_font = NULL
)

theme_xaringan_restore_defaults()
```

Arguments

text_color   Color for text and foreground, inherits from text_color

background_color

                  Color for background, inherits from background_color

accent_color   Color for titles and accents, inherits from header_color

accent_secondary_color

        Color for secondary accents, inherits from text_bold_color

text_font   Font to use for text elements, passed to `sysfonts::font_add_google()`, if available and text_font_use_google is TRUE. Inherits from text_font_family. Must be a length-one character.

Value

Invisibly returns a list of the current ggplot2 geom defaults

Invisibly returns a list of the current ggplot2 geom defaults

Functions

- theme_xaringan_restore_defaults(): Restore previous or standard **ggplot2** *geom* defaults.

See Also

Other xaringanthemer ggplot2 themes: `theme_xaringan_base()`, `theme_xaringan_inverse()`, `theme_xaringan()`

---

xaringanthemer_font_default

Write A Customized Xaringan Theme

Description

Creates a customized Xaringan theme CSS file.

Usage

```
xaringanthemer_font_default(font_arg)

style_xaringan(
  text_color = "#000",
  header_color = "#000",
  background_color = "#FFF",
  link_color = "rgb(249, 38, 114)",
  text_bold_color = NULL,
  text_slide_number_color = inverse_background_color,
  padding = "16px 64px 16px 64px",
  background_image = NULL,
  background_size = NULL,
  background_position = NULL,
  code_highlight_color = "rgba(255,255,0,0.5)",
  code_inline_color = "#000",
  code_inline_background_color = NULL,
```

```
    code_inline_font_size = "1em",
    inverse_background_color = "#272822",
    inverse_text_color = "#d6d6d6",
    inverse_text_shadow = FALSE,
    inverse_header_color = "#f3f3f3",
    inverse_link_color = link_color,
    title_slide_text_color = inverse_text_color,
    title_slide_background_color = inverse_background_color,
    title_slide_background_image = NULL,
    title_slide_background_size = NULL,
    title_slide_background_position = NULL,
    footnote_color = NULL,
    footnote_font_size = "0.9em",
    footnote_position_bottom = "60px",
    left_column_subtle_color = "#777",
    left_column_selected_color = "#000",
    blockquote_left_border_color = "lightgray",
    table_border_color = "#666",
    table_row_border_color = "#ddd",
    table_row_even_background_color = "#eee",
    base_font_size = "20px",
    text_font_size = "1rem",
    header_h1_font_size = "2.75rem",
    header_h2_font_size = "2.25rem",
    header_h3_font_size = "1.75rem",
    header_background_auto = FALSE,
    header_background_color = header_color,
    header_background_text_color = background_color,
    header_background_padding = NULL,
    header_background_content_padding_top = "7rem",
  header_background_ignore_classes = c("normal", "inverse", "title", "middle", "bottom"),
    text_slide_number_font_size = "0.9rem",
    text_font_google = NULL,
    text_font_family = xaringanthemer_font_default("text_font_family"),
    text_font_weight = xaringanthemer_font_default("text_font_weight"),
    text_bold_font_weight = "bold",
    text_font_url = xaringanthemer_font_default("text_font_url"),
  text_font_family_fallback = xaringanthemer_font_default("text_font_family_fallback"),
    text_font_base = "sans-serif",
    header_font_google = NULL,
    header_font_family = xaringanthemer_font_default("header_font_family"),
    header_font_weight = xaringanthemer_font_default("header_font_weight"),
    header_font_family_fallback = "Georgia, serif",
    header_font_url = xaringanthemer_font_default("header_font_url"),
    code_font_google = NULL,
    code_font_family = xaringanthemer_font_default("code_font_family"),
    code_font_size = "0.9rem",
    code_font_url = xaringanthemer_font_default("code_font_url"),
```

```
    code_font_family_fallback = xaringanthemer_font_default("code_font_family_fallback"),
    link_decoration = "none",
    colors = NULL,
    extra_css = NULL,
    extra_fonts = NULL,
    outfile = "xaringan-themer.css"
)
```

Arguments

font_arg	A font argument from the **xaringanthemer** `style_` function family.
text_color	Text Color. Defaults to #000. Modifies the body element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text_color)` in any argument of a style function or in custom CSS.
header_color	Header Color. Defaults to #000. Modifies the h1, h2, h3 elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--header-color)` in any argument of a style function or in custom CSS.
background_color	Slide Background Color. Defaults to #FFF. Modifies the `.remark-slide-content` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--background-color)` in any argument of a style function or in custom CSS.
link_color	Link Color. Defaults to rgb(249, 38, 114). Modifies the a, a > code elements. The value of this variable is also stored as a CSS variable that can be referenced with `var(--link-color)` in any argument of a style function or in custom CSS.
text_bold_color	Bold Text Color. Defaults to NULL. Modifies the `strong` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--text-bold-color)` in any argument of a style function or in custom CSS.
text_slide_number_color	Slide Number Color. Defaults to `inverse_background_color`. Modifies the `.remark-slide-number` class.
padding	Slide Padding in `top right [bottom left]` format. Defaults to 16px 64px 16px 64px. Modifies the `.remark-slide-content` class. Accepts CSS [padding](#) property values.
background_image	Background image applied to each *and every* slide. Set `title_slide_background_image = "none"` to remove the background image from the title slide. Defaults to NULL. Modifies the `.remark-slide-content` class.
background_size	Background image size, requires `background_image` to be set. If `background_image` is set, `background_size` will default to `cover` so the background fills the screen. If both `background_image` and `background_position` are set, will default to 100 percent. Defaults to NULL. Modifies the `.remark-slide-content` class. Accepts CSS [background-size](#) property values.

background_position

> Background image position, requires `background_image` to be set, and it is recommended to adjust `background_size`. Defaults to `NULL`. Modifies the `.remark-slide-content` class. Accepts CSS [background-position](#) property values.

code_highlight_color

> Code Line Highlight. Defaults to rgba(255,255,0,0.5). Modifies the `.remark-code-line-highlighted` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-highlight-color)` in any argument of a style function or in custom CSS.

code_inline_color

> Inline Code Color. Defaults to #000. Modifies the `.remark-inline-code` class.

code_inline_background_color

> Inline Code Background Color. Defaults to `NULL`. Modifies the `.remark-inline-code` class.

code_inline_font_size

> Inline Code Text Font Size. Defaults to 1em. Modifies the `.remark-inline-code` class. Accepts CSS [font-size](#) property values. The value of this variable is also stored as a CSS variable that can be referenced with `var(--code-inline-font-size)` in any argument of a style function or in custom CSS.

inverse_background_color

> Inverse Background Color. Defaults to #272822. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-background-color)` in any argument of a style function or in custom CSS.

inverse_text_color

> Inverse Text Color. Defaults to #d6d6d6. Modifies the `.inverse` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-text-color)` in any argument of a style function or in custom CSS.

inverse_text_shadow

> Enables Shadow on text of inverse slides. Defaults to `FALSE`. Modifies the `.inverse` class.

inverse_header_color

> Inverse Header Color. Defaults to #f3f3f3. Modifies the `.inverse h1, .inverse h2, .inverse h3` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-header-color)` in any argument of a style function or in custom CSS.

inverse_link_color

> Inverse Link Color. Defaults to `link_color`. Modifies the `.inverse a, .inverse a > code` classes. The value of this variable is also stored as a CSS variable that can be referenced with `var(--inverse-link-color)` in any argument of a style function or in custom CSS.

title_slide_text_color

> Title Slide Text Color. Defaults to `inverse_text_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-text-color)` in any argument of a style function or in custom CSS.

title_slide_background_color

Title Slide Background Color. Defaults to `inverse_background_color`. Modifies the `.title-slide` class. The value of this variable is also stored as a CSS variable that can be referenced with `var(--title-slide-background-color)` in any argument of a style function or in custom CSS.

title_slide_background_image

Title Slide Background Image URL. Defaults to `NULL`. Modifies the `.title-slide` class.

title_slide_background_size

Title Slide Background Image Size, defaults to "cover" if background image is set. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-size](#) property values.

title_slide_background_position

Title Slide Background Image Position. Defaults to `NULL`. Modifies the `.title-slide` class. Accepts CSS [background-position](#) property values.

footnote_color   Footnote text color (if `NA`, then it will be the same color as `text_color`). Defaults to `NULL`. Modifies the `.footnote` class.

footnote_font_size

Footnote font size. Defaults to 0.9em. Modifies the `.footnote` class. Accepts CSS [font-size](#) property values.

footnote_position_bottom

Footnote location from bottom of screen. Defaults to 60px. Modifies the `.footnote` class. Accepts CSS [position](#) property values.

left_column_subtle_color

Left Column Text (not last). Defaults to #777. Modifies the `.left-column h2, .left-column h3` classes.

left_column_selected_color

Left Column Current Selection. Defaults to #000. Modifies the `.left-column h2:last-of-type, .left` classes.

blockquote_left_border_color

Blockquote Left Border Color. Defaults to lightgray. Modifies the `blockquote` element.

table_border_color

Table top/bottom border. Defaults to #666. Modifies the `table: border-top, border-bottom` elements.

table_row_border_color

Table row inner bottom border. Defaults to #ddd. Modifies the `table thead th: border-bottom` elements.

table_row_even_background_color

Table Even Row Background Color. Defaults to #eee. Modifies the `thead, tfoot, tr:nth-child(even` elements.

base_font_size   Base Font Size for All Slide Elements (must be px). Defaults to 20px. Modifies the `html` element. The value of this variable is also stored as a CSS variable that can be referenced with `var(--base-font-size)` in any argument of a style function or in custom CSS.

text_font_size   Slide Body Text Font Size. Defaults to 1rem. Modifies the `.remark-slide-content` class. Accepts CSS [font-size](#) property values. The value of this variable is also

stored as a CSS variable that can be referenced with var(--text-font-size)
in any argument of a style function or in custom CSS.

header_h1_font_size

h1 Header Text Font Size. Defaults to 2.75rem. Modifies the .remark-slide-content h1
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with var(--header-h1-font-size)
in any argument of a style function or in custom CSS.

header_h2_font_size

h2 Header Text Font Size. Defaults to 2.25rem. Modifies the .remark-slide-content h2
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with var(--header-h2-font-size)
in any argument of a style function or in custom CSS.

header_h3_font_size

h3 Header Text Font Size. Defaults to 1.75rem. Modifies the .remark-slide-content h3
class. Accepts CSS font-size property values. The value of this variable is also
stored as a CSS variable that can be referenced with var(--header-h3-font-size)
in any argument of a style function or in custom CSS.

header_background_auto

Add background under slide title automatically for h1 header elements. If not
enabled, use class: header_background to enable. Defaults to FALSE.

header_background_color

Background Color for h1 Header with Background. Defaults to header_color.
Modifies the .remark-slide-content h1 class. The value of this variable is
also stored as a CSS variable that can be referenced with var(--header-background-color)
in any argument of a style function or in custom CSS.

header_background_text_color

Text Color for h1 Header with Background. Defaults to background_color.
Modifies the .remark-slide-content h1 class. The value of this variable is
also stored as a CSS variable that can be referenced with var(--header-background-text-color)
in any argument of a style function or in custom CSS.

header_background_padding

Padding for h1 Header with Background. Defaults to NULL. Modifies the .remark-slide-content h1
class. Accepts CSS padding property values.

header_background_content_padding_top

Top Padding for Content in Slide with Header with Background. Defaults to
7rem. Modifies the .remark-slide-content class.

header_background_ignore_classes

Slide Classes Where Header with Background will not be Applied. Defaults
to c('normal', 'inverse', 'title', 'middle', 'bottom'). Modifies the
.remark-slide-content class.

text_slide_number_font_size

Slide Number Text Font Size. Defaults to 0.9rem. Modifies the .remark-slide-number
class. Accepts CSS font-size property values.

text_font_google

Use google_font() to specify body font. Defaults to NULL. Modifies the body
element.

text_font_family

> Body Text Font Family (xaringan default is 'Droid Serif'). Defaults to xaringanthemer_font_defaul
> Modifies the body element. The value of this variable is also stored as a CSS
> variable that can be referenced with var(--text-font-family) in any argu-
> ment of a style function or in custom CSS.

text_font_weight

> Body Text Font Weight. Defaults to xaringanthemer_font_default("text_font_weight").
> Modifies the body element. Accepts CSS font-weight property values.

text_bold_font_weight

> Body Bold Text Font Weight. Defaults to bold. Modifies the strong element.

text_font_url   Body Text Font URL(s). Defaults to xaringanthemer_font_default("text_font_url").
> Modifies the @import url() elements.

text_font_family_fallback

> Body Text Font Fallbacks. Defaults to xaringanthemer_font_default("text_font_family_fallbacl
> Modifies the body element. The value of this variable is also stored as a CSS
> variable that can be referenced with var(--text-font-family-fallback) in
> any argument of a style function or in custom CSS.

text_font_base   Body Text Base Font (Total Failure Fallback). Defaults to sans-serif. Modifies
> the body element. The value of this variable is also stored as a CSS variable that
> can be referenced with var(--text-font-base) in any argument of a style
> function or in custom CSS.

header_font_google

> Use google_font() to specify header font. Defaults to NULL. Modifies the body
> element.

header_font_family

> Header Font Family (xaringan default is 'Yanone Kaffeesatz'). Defaults to
> xaringanthemer_font_default("header_font_family"). Modifies the h1, h2, h3
> elements. The value of this variable is also stored as a CSS variable that can be
> referenced with var(--header-font-family) in any argument of a style func-
> tion or in custom CSS.

header_font_weight

> Header Font Weight. Defaults to xaringanthemer_font_default("header_font_weight").
> Modifies the h1, h2, h3 elements. Accepts CSS font-weight property values.

header_font_family_fallback

> Header Font Family Fallback. Defaults to Georgia, serif. Modifies the h1, h2, h3
> elements. The value of this variable is also stored as a CSS variable that can be
> referenced with var(--header-font-family-fallback) in any argument of a
> style function or in custom CSS.

header_font_url

> Header Font URL. Defaults to xaringanthemer_font_default("header_font_url").
> Modifies the @import url elements.

code_font_google

> Use google_font() to specify code font. Defaults to NULL. Modifies the body
> element.

code_font_family

> Code Font Family. Defaults to xaringanthemer_font_default("code_font_family").
> Modifies the .remark-code, .remark-inline-code classes. The value of this

variable is also stored as a CSS variable that can be referenced with var(--code-font-family) in any argument of a style function or in custom CSS.

code_font_size Code Text Font Size. Defaults to 0.9rem. Modifies the .remark-inline class. Accepts CSS font-size property values. The value of this variable is also stored as a CSS variable that can be referenced with var(--code-font-size) in any argument of a style function or in custom CSS.

code_font_url Code Font URL. Defaults to xaringanthemer_font_default("code_font_url"). Modifies the @import url elements.

code_font_family_fallback
                Code Font Fallback. Defaults to xaringanthemer_font_default("code_font_family_fallback"). Modifies the .remark-code, .remark-inline-code classes.

link_decoration
                Text decoration of links. Defaults to none. Modifies the a, a > code elements. Accepts CSS text-decoration property values.

colors   A named vector of custom colors. The names of the colors become CSS variables and classes that can be used within your slides. For example, colors = c(blue = "#bad4ed") adds a CSS variable --blue, a .blue CSS class that applies the color to the text or foreground color, and a .bg-blue CSS class that applies the color to the background.

extra_css   A named list of CSS definitions each containing a named list of CSS property-value pairs, i.e. list(".class-id" = list("css-property" = "value")).

extra_fonts   A list of additional fonts to import, each list element can be either a URL as a character string or a call to google_font(). To use a font imported in extra_fonts, you will need to write custom CSS rules that apply the font to an element or class with the font-family property. See the **Fonts** section of vignette("xaringanthemer") for an example.

outfile   Customized xaringan CSS output file name, default is "xaringan-themer.css"

Value

The CSS styles are written to the file path provided in outfile (by default to xaringan-themer.css). If outfile is NULL, the CSS is returned directly as a character string.

Functions

- xaringanthemer_font_default(): Default values for font family, weight, URLs and font fallbacks.

Usage

To use the styles created by this theme function, make sure that you use xaringan-themer.css as your CSS file in your slides' YAML header. If you change the name of the output file using the outfile argument, use that name instead of the default file name.

```
output:
xaringan::moon_reader:
  css: xaringan-themer.css
```

See Also

Other themes: style_duo_accent_inverse(), style_duo_accent(), style_duo(), style_mono_accent_inverse(), style_mono_accent(), style_mono_dark(), style_mono_light(), style_solarized_dark(), style_solarized_light()

Examples

```
# Create a xaringan style in a temporary file
xaringan_themer_css <- tempfile("xaringan-themer-", fileext = ".css")

style_xaringan(
  text_color = "#002b3",
  inverse_background_color = "#31b09e",
  inverse_text_color = "#002b3",
  outfile = xaringan_themer_css # omit in your slides to write the
                                # styles to xaringan-themer.css
)

# View the CSS:
# file.edit(xaringan_themer_css)
```

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