

Converting Colors

`RYB(130, 117, 134)`

Have a look what the booklet for
RYB(130, 117, 134) contains.

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Color

R_YB(130, 117, 134)

Conversions

Conversions Part 1

Format	Color
Hex	827586
RGB	130, 117, 134
RGB Percent	51%, 46%, 53%
CMY	0.4902, 0.5412, 0.4745
CMYK	0.03, 0.13, 0.00, 0.47
HSL	286°, 7%, 49%
HSV	286°, 13%, 53%
XYZ	19.8703, 19.1896, 25.2109
YIQ	122.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

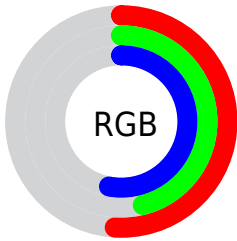
Format	Color
R_{YB}	130, 117, 134
Decimal	8549766
CIE _{Lab}	50.91, 8.35, -7.45
CIE _{LCh}	51, 11.194, 318.260
Yxy	19.1896, 0.3092, 0.2986
Android (android.graphics.Color)	4286739846 (0xFF827586)
YUV	122.8250, 5.5093, 6.2925
Hunter-Lab	43.8060, 4.3067, -3.4580

Details

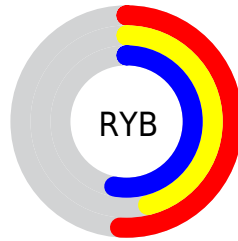
The RYB color **130, 117, 134** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 134, 130**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **183, 169, 187**, and **81, 69, 84** is the 20% darker color. If you saturate the color by 10%, you get **127, 104, 134**, and if you desaturate by 10%, it is **133, 130, 134**.

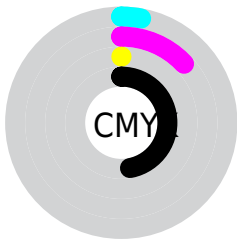
Distribution



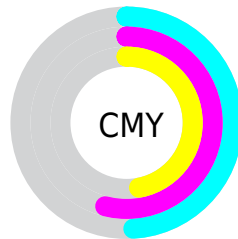
- Red (51%)
- Green (46%)
- Blue (53%)



- Red (51%)
- Yellow (46%)
- Blue (53%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 117, 134 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 130, 117, 134 by changing the saturation by 10% instead.

■ 130, 117, 134

255, 255, 255

■ 183, 169, 187

■ 211, 196, 215

■ 239, 224, 243

■ 255, 253, 255

■ 130, 117, 134

■ 127, 104, 134

■ 124, 90, 134

■ 130, 117, 134

■ 105, 92, 109

■ 81, 69, 84

■ 58, 46, 61

■ 36, 26, 39

■ 16, 0, 19

■ 0, 0, 0

■ 130, 117, 134

■ 133, 130, 134

■ 134, 144, 142

121, 77, 134

134, 157, 152

117, 63, 134

134, 171, 162

114, 50, 134

134, 184, 172

111, 37, 134

134, 197, 182

108, 23, 134

134, 211, 193

105, 10, 134

134, 224, 203

102, 0, 134

134, 238, 214

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118, 120, 139



130, 117, 134



138, 115, 125

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



130, 117, 134



129, 133, 103



97, 112, 127

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



130, 117, 134



117, 134, 130

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102, 118, 127



130, 117, 134



104, 123, 103

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



130, 117, 134



139, 120, 107



108, 125, 121



98, 114, 135

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



130, 117, 134



141, 115, 119



108, 125, 121



98, 113, 127

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



130, 117, 134



172, 166, 173



117, 120, 134



86, 82, 87



214, 214, 214



87, 87, 87

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130, 117, 134



167, 147, 173



134, 117, 130



65, 60, 66



99, 0, 130



2, 0, 3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



134, 117, 121



173, 147, 154



117, 131, 134



66, 60, 61



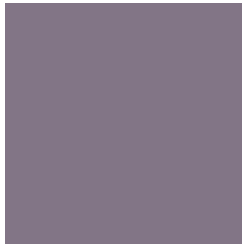
130, 0, 31



3, 0, 1

Previews

White Background



This preview shows how the RYB color 130, 117, 134 looks on a white background.

Color Contrast Check

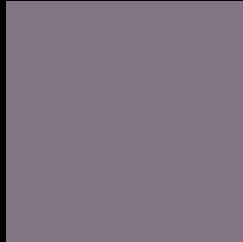
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 130, 117, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

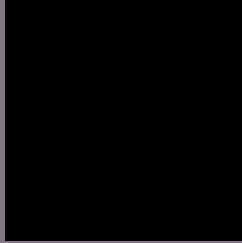
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 130, 117, 134 Background



This preview shows how black text looks on a background with the RYB color 130, 117, 134.



This preview shows how white text looks on a background with the RYB color 130, 117, 134.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

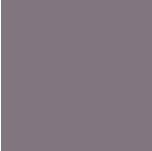
[130](#), [117](#), [134](#)

Protanopia

[119](#), [120](#), [136](#)

Deuteranopia

[127](#), [118](#), [134](#)



Tritanopia
129, 118, 127

Trichromacy



Original Color

130, 117, 134

Protanomaly

123, 119, 135

Deuteranomaly

128, 118, 134

Tritanomaly

129, 118, 130

Monochromacy



Original Color

130, 117, 134

Achromatopsia

123, 123, 123

Achromatomaly

126, 121, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 117, 134 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(130, 117, 134) looks like.

```
.text, #text, p{  
    color:rgb(130, 117, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 117, 134) }
```

Border

The CSS property to change the border of an element to RYB 130, 117, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 117, 134) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 117, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(130, 117,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 130, 117, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 117, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
117, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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