

Converting Colors

`RYB(181, 117, 134)`

Have a look what the booklet for
RYB(181, 117, 134) contains.

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Color

R_YB(181, 117, 134)

Conversions

Conversions Part 1

Format	Color
Hex	B57586
RGB	181, 117, 134
RGB Percent	71%, 46%, 53%
CMY	0.2902, 0.5412, 0.4745
CMYK	0.00, 0.35, 0.26, 0.29
HSL	344°, 30%, 58%
HSV	344°, 35%, 71%
XYZ	29.7204, 24.2676, 25.6719
YIQ	138.0740, 32.6870, 18.8550

Conversions

Conversions Part 2

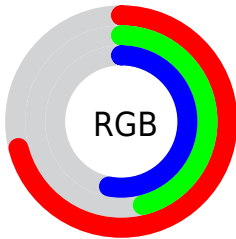
Format	Color
R_{YB}	181, 117, 134
Decimal	11892102
CIE _{Lab}	56.35, 27.50, 1.19
CIE _{LCh}	56, 27.524, 2.486
Yxy	24.2676, 0.3731, 0.3046
Android (android.graphics.Color)	4290082182 (0xFFB57586)
YUV	138.0740, -2.0085, 37.6461
Hunter-Lab	49.2621, 21.4824, 3.5857

Details

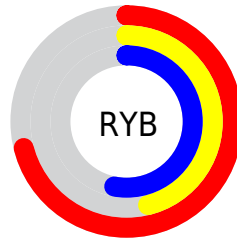
The RYB color **181, 117, 134** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117, 154, 181**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **238, 170, 187**, and **127, 67, 85** is the 20% darker color. If you saturate the color by 10%, you get **181, 99, 121**, and if you desaturate by 10%, it is **181, 135, 147**.

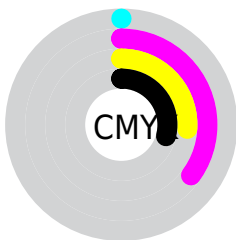
Distribution



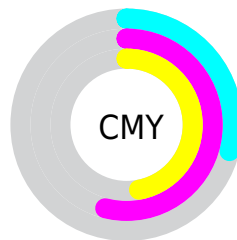
- Red (71%)
- Green (46%)
- Blue (53%)



- Red (71%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 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 181, 117, 134 by changing the saturation by 10% instead.

 181, 117, 134


255, 255, 255


 238, 170, 187

 255, 197, 215

 255, 226, 243

255, 254, 255

 181, 117, 134

 181, 99, 121

 181, 117, 134

 153, 92, 109

 127, 67, 85


 100, 44, 61

 75, 21, 40

 51, 0, 19

 24, 0, 1

 0, 0, 0

 181, 117, 134

 181, 135, 147

181, 81, 107

181, 153, 161

181, 63, 94

181, 171, 174

181, 45, 81

181, 186, 189

181, 27, 68

181, 197, 208

181, 8, 54

181, 207, 226

181, 0, 48

181, 217, 244

181, 222, 255

181, 218, 255

Harmonies

Analogous

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



167, 121, 158



181, 117, 134



181, 120, 111

Triad

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



181, 117, 134



94, 141, 111



70, 113, 177

Complementary

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



181, 117, 134



117, 154, 181

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.



53, 103, 160



181, 117, 134



96, 134, 146

Square

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



181, 117, 134



108, 150, 87



68, 111, 148



106, 128, 183

Rectangle

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



181, 117, 134



175, 137, 98



68, 111, 148



61, 109, 172

Sweetspot

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



181, 117, 134



235, 209, 216



164, 117, 181



117, 102, 106



245, 245, 245



117, 117, 117

Same Dimension

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



181, 117, 134



235, 136, 162



181, 137, 117



89, 80, 83



153, 0, 41



26, 0, 7

Inverse Universe

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



181, 117, 134



235, 136, 162



117, 145, 181



89, 80, 83



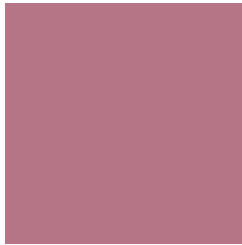
153, 0, 41



26, 0, 7

Previews

White Background



This preview shows how the RYB color 181, 117, 134 looks on a white background.

Color Contrast Check

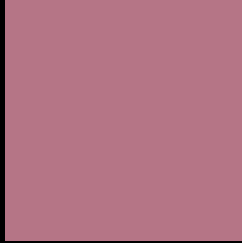
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 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](#).

RYB 181, 117, 134 Background



This preview shows how black text looks on a background with the RYB color 181, 117, 134.



This preview shows how white text looks on a background with the RYB color 181, 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
181, 117, 134

Protanopia
135, 135, 144

Deuteranopia
150, 131, 131



Tritanopia
180, 118, 127

Trichromacy



Original Color

181, 117, 134

Protanomaly

152, 128, 140

Deuteranomaly

161, 126, 132

Tritanomaly

180, 118, 130

Monochromacy



Original Color

181, 117, 134

Achromatopsia

138, 138, 138

Achromatomaly

154, 130, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 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(181, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 134) }
```

Border

The CSS property to change the border of an element to RYB 181, 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(181, 117, 134) }
```

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

```
.border{ border-color:rgb(181, 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(181, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 181, 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(181, 117, 134) }
```

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

```
.background{ background-color: rgb(181,  
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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