

Converting Colors

`RYB(181, 119, 123)`

Have a look what the booklet for
RYB(181, 119, 123) contains.

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Color

`RYB(181, 119, 123)`

Conversions

Conversions Part 1

Format	Color
Hex	B5777B
RGB	181, 119, 123
RGB Percent	71%, 47%, 48%
CMY	0.2902, 0.5333, 0.5176
CMYK	0.00, 0.34, 0.32, 0.29
HSL	356°, 30%, 59%
HSV	356°, 34%, 71%
XYZ	29.2280, 24.4475, 21.9172
YIQ	137.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

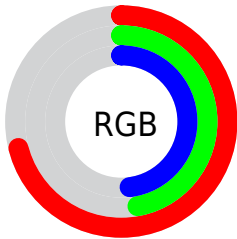
Format	Color
RYB	181, 119, 123
Decimal	11892603
CIELab	56.53, 24.84, 7.85
CIELCh	57, 26.054, 17.524
Yxy	24.4475, 0.3867, 0.3234
Android (android.graphics.Color)	4290082683 (0xFFB5777B)
YUV	137.9940, -7.3920, 37.7163
Hunter-Lab	49.4444, 18.9889, 8.3296

Details

The RYB color **181, 119, 123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119, 151, 181**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **238, 172, 175**, and **126, 70, 74** is the 20% darker color. If you saturate the color by 10%, you get **181, 101, 106**, and if you desaturate by 10%, it is **181, 137, 140**.

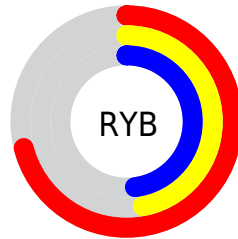
Distribution



Red (71%)

Green (47%)

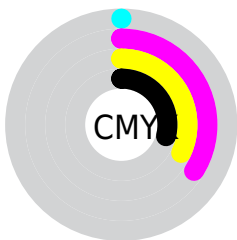
Blue (48%)



Red (71%)

Yellow (47%)

Blue (48%)

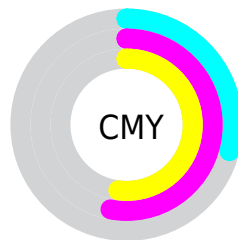


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 119, 123 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, 119, 123 by changing the saturation by 10% instead.


 181, 119, 123

255, 255, 255

 238, 172, 175


 255, 199, 203

 255, 228, 231

 181, 119, 123

 153, 94, 98

 126, 70, 74

 100, 46, 52


 74, 24, 31


 50, 1, 6


 22, 0, 0

 0, 0, 0

 181, 119, 123

 181, 101, 106

 181, 119, 123

 181, 137, 140

181, 83, 89

181, 155, 157

181, 65, 72

181, 173, 174

181, 47, 55

181, 186, 191

181, 29, 38

181, 196, 210

181, 10, 21

181, 205, 228

181, 0, 12

181, 215, 246

181, 218, 255

Harmonies

Analogous

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



174, 120, 146



181, 119, 123



175, 133, 103

Triad

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



181, 119, 123



104, 144, 136



92, 123, 179

Complementary

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



181, 119, 123



119, 151, 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.



65, 110, 168



181, 119, 123



86, 123, 147

Square

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



181, 119, 123



92, 138, 92



65, 107, 148



125, 132, 179

Rectangle

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



181, 119, 123



166, 158, 94



65, 107, 148



81, 119, 177

Sweetspot

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



181, 119, 123



235, 211, 213



177, 119, 181



117, 103, 104



245, 245, 245



117, 117, 117

Same Dimension

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



181, 119, 123



235, 138, 145



181, 167, 119



89, 80, 81



153, 0, 10



26, 0, 2

Inverse Universe

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



181, 119, 123



235, 138, 145



119, 141, 181



89, 80, 81



153, 0, 10



26, 0, 2

Previews

White Background



This preview shows how the RYB color 181, 119, 123 looks on a white background.

Color Contrast Check

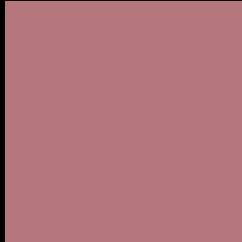
Large Text (above 18pt) WCAG AA ✓ Pass

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, 119, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

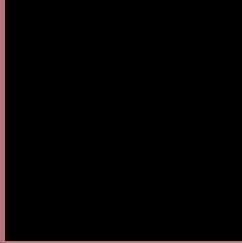
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 181, 119, 123 Background



This preview shows how black text looks on a background with the R/Y/B color 181, 119, 123.



This preview shows how white text looks on a background with the R/Y/B color 181, 119, 123.

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, 119, 123

Protanopia
139, 137, 132

Deuteranopia
155, 135, 121



Tritanopia
181, 118, 127

Trichromacy



Original Color

181, 119, 123

Protanomaly

154, 129, 129

Deuteranomaly

164, 128, 122

Tritanomaly

181, 118, 126

Monochromacy



Original Color

181, 119, 123

Achromatopsia

138, 138, 138

Achromatomaly

154, 131, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 119, 123 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, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 123)  
}
```

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, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 123) }
```

Border

The CSS property to change the border of an element to RYB 181, 119, 123 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, 119, 123) }
```

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

```
.border{ border-color:rgb(181, 119, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 181, 119, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 123) }
```

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

```
.background{ background-color: rgb(181,  
119, 123) }
```

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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