

Converting Colors

`RYB(181, 107, 109)`

Have a look what the booklet for
RYB(181, 107, 109) contains.

RYB(181, 107, 109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(181, 107, 109)

Conversions

Conversions Part 1

Format	Color
Hex	B56B6D
RGB	181, 107, 109
RGB Percent	71%, 42%, 43%
CMY	0.2902, 0.5804, 0.5725
CMYK	0.00, 0.41, 0.40, 0.29
HSL	358°, 33%, 56%
HSV	358°, 41%, 71%
XYZ	27.0741, 21.4433, 17.1800
YIQ	129.3540, 43.4620, 16.3100

Conversions

Conversions Part 2

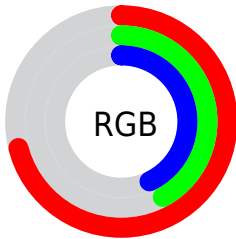
Format	Color
R_{YB}	181, 107, 109
Decimal	11889517
CIE _{Lab}	53.43, 29.71, 11.64
CIE _{LCh}	53, 31.909, 21.387
Yxy	21.4433, 0.4121, 0.3264
Android (android.graphics.Color)	4290079597 (0xFFB56B6D)
YUV	129.3540, -10.0345, 45.2935
Hunter-Lab	46.3069, 23.3259, 10.4180

Details

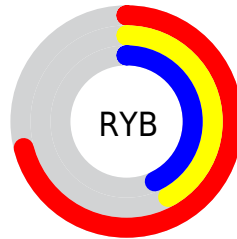
The RYB color **181, 107, 109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 145, 181**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **239, 159, 160**, and **125, 58, 62** is the 20% darker color. If you saturate the color by 10%, you get **181, 89, 91**, and if you desaturate by 10%, it is **181, 125, 127**.

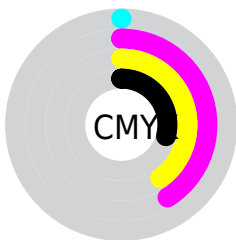
Distribution



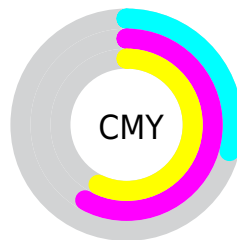
- Red (71%)
- Green (42%)
- Blue (43%)



- Red (71%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (29%)




- Cyan (29%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 107, 109 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, 107, 109 by changing the saturation by 10% instead.

 181, 107, 109


255, 255, 255

 239, 159, 160

 255, 187, 187

 255, 215, 215

 255, 243, 244

 181, 107, 109

 153, 82, 85

 125, 58, 62

 99, 34, 40

 72, 9, 20


 49, 0, 0


 4, 0, 0


 0, 0, 0


 181, 107, 109


 181, 89, 91


 181, 107, 109


 181, 125, 127


 181, 71, 74

 181, 143, 144


 181, 53, 56

 181, 161, 162


 181, 35, 39

 181, 179, 179


 181, 17, 21


 181, 190, 198

 181, 0, 5

 181, 199, 216

 181, 208, 234

 181, 217, 252

 181, 218, 255

Harmonies

Analogous

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



176, 107, 137



181, 107, 109



172, 128, 86

Triad

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



181, 107, 109



92, 138, 136



72, 111, 181

Complementary

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



181, 107, 109



107, 145, 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.



7, 80, 170



181, 107, 109



56, 106, 142

Square

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



181, 107, 109



75, 132, 81



0, 72, 147



119, 123, 179

Rectangle

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



181, 107, 109



152, 160, 76



0, 72, 147



54, 103, 179

Sweetspot

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



181, 107, 109



235, 206, 207



179, 107, 181



117, 101, 101



245, 245, 245



117, 117, 117

Same Dimension

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



181, 107, 109



235, 120, 123



181, 173, 107



89, 80, 81



153, 0, 4



26, 0, 1

Inverse Universe

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



181, 107, 109



235, 120, 123



107, 133, 181



89, 80, 81



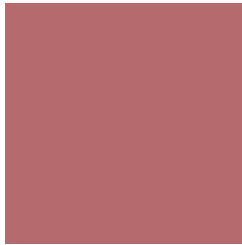
153, 0, 4



26, 0, 1

Previews

White Background



This preview shows how the RYB color 181, 107, 109 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, 107, 109 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, 107, 109 Background



This preview shows how black text looks on a background with the RYB color 181, 107, 109.



This preview shows how white text looks on a background with the RYB color 181, 107, 109.

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, 107, 109

Protanopia
126, 132, 120

Deuteranopia
148, 135, 106



Tritanopia
181, 106, 114

Trichromacy



Original Color

181, 107, 109

Protanomaly

150, 121, 116

Deuteranomaly

160, 119, 107

Tritanomaly

181, 106, 112

Monochromacy



Original Color

181, 107, 109

Achromatopsia

129, 129, 129

Achromatomaly

148, 121, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 107, 109 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, 107, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 107, 109)  
}
```

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, 107, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 107, 109) }
```

Border

The CSS property to change the border of an element to RYB 181, 107, 109 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, 107, 109) }
```

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

```
.border{ border-color:rgb(181, 107, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 107, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 107, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 107, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 107,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 181, 107, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 107, 109) }
```

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

```
.background{ background-color: rgb(181,  
107, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor