

Converting Colors

`RYB(185, 107, 103)`

Have a look what the booklet for
RYB(185, 107, 103) contains.

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Color

R_YB(185, 107, 103)

Conversions

Conversions Part 1

Format	Color
Hex	B96B67
RGB	185, 107, 103
RGB Percent	73%, 42%, 40%
CMY	0.2745, 0.5811, 0.5961
CMYK	0.00, 0.42, 0.44, 0.27
HSL	3°, 37%, 56%
HSV	3°, 44%, 73%
XYZ	27.6941, 21.7702, 15.5744
YIQ	129.8660, 47.7720, 15.2920

Conversions

Conversions Part 2

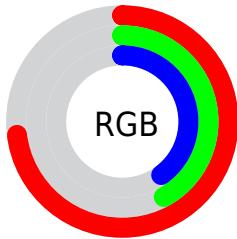
Format	Color
R_{YB}	185, 107, 103
Decimal	12151655
CIE Lab	53.78, 30.69, 15.72
CIE LCh	54, 34.482, 27.120
Yxy	21.7702, 0.4258, 0.3347
Android (android.graphics.Color)	4290341735 (0xFFB96B67)
YUV	129.8660, -13.2449, 48.3525
Hunter-Lab	46.6585, 24.2959, 12.8703

Details

The RYB color **185, 107, 103** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **103, 143, 185**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **243, 159, 154**, and **129, 58, 56** is the 20% darker color. If you saturate the color by 10%, you get **185, 89, 85**, and if you desaturate by 10%, it is **185, 124, 122**.

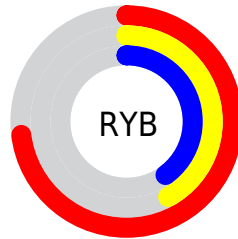
Distribution



Red (73%)

Green (42%)

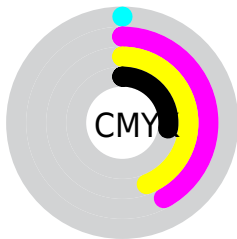
Blue (40%)



Red (73%)

Yellow (42%)

Blue (40%)

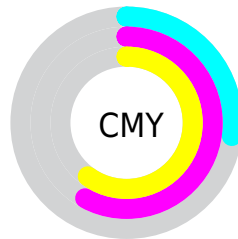


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 107, 103 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 185, 107, 103 by changing the saturation by 10% instead.

 185, 107, 103

255, 255, 255

 243, 159, 154

 255, 188, 181

 255, 216, 208

 255, 246, 237

 185, 107, 103

 157, 82, 79

 129, 57, 56

 102, 34, 35

 75, 8, 13

 50, 0, 0

 10, 0, 0

 0, 0, 0

 185, 107, 103

 185, 89, 85


 185, 107, 103

 185, 124, 122

 185, 72, 66

 185, 142, 140

 185, 54, 48

 185, 160, 159

 185, 36, 29

 185, 177, 177

 185, 19, 10

 185, 190, 196

 185, 9, 0

 185, 199, 214

 185, 208, 233

 185, 217, 251

 185, 220, 255

Harmonies

Analogous

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



182, 105, 133



185, 107, 103



173, 137, 79

Triad

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



185, 107, 103



84, 132, 141



76, 113, 188

Complementary

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



185, 107, 103



103, 143, 185

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.



0, 78, 178



185, 107, 103



36, 95, 144

Square

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



185, 107, 103



74, 135, 89



0, 75, 155



127, 122, 181

Rectangle

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



185, 107, 103



133, 159, 70



0, 75, 155



55, 105, 186

Sweetspot

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



185, 107, 103



240, 210, 209



185, 103, 182



120, 102, 101



247, 247, 247



120, 120, 120

Same Dimension

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



185, 107, 103



240, 119, 113



174, 185, 103



92, 83, 83



156, 7, 0



28, 1, 0

Inverse Universe

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



103, 143, 185



113, 175, 240



103, 129, 185



83, 87, 92



0, 76, 156



0, 14, 28

Previews

White Background



This preview shows how the RYB color 185, 107, 103 looks on a white background.

Color Contrast Check

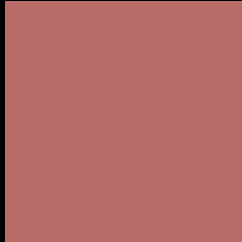
Large Text (above 18pt) WCAG AA ✓ Pass

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 185, 107, 103 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 185, 107, 103 Background



This preview shows how black text looks on a background with the RYB color 185, 107, 103.

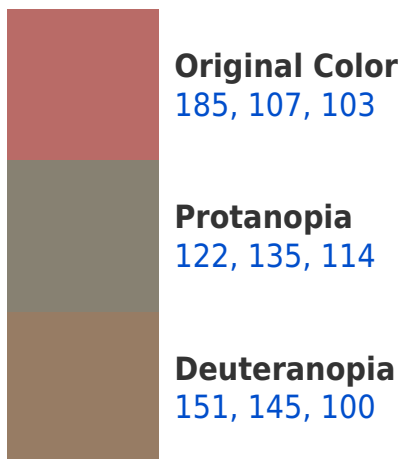



This preview shows how white text looks on a background with the RYB color 185, 107, 103.

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





Tritanopia
186, 105, 113

Trichromacy



Original Color
185, 107, 103

Protanomaly
153, 125, 110

Deuteranomaly
163, 124, 101

Tritanomaly
186, 106, 109

Monochromacy



Original Color
185, 107, 103

Achromatopsia
130, 130, 130

Achromatomaly
150, 122, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 107, 103 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(185, 107, 103)` looks like.

```
.text, #text, p{  
    color:rgb(185, 107, 103)  
}
```

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(185, 107, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 107, 103) }
```

Border

The CSS property to change the border of an element to RYB 185, 107, 103 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(185, 107, 103) }
```

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

```
.border{ border-color:rgb(185, 107, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 107, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 107, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 107, 103);  
box-shadow:4px 4px 4px 4px rgb(185, 107,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 185, 107, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 107, 103) }
```

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

```
.background{ background-color: rgb(185,  
107, 103) }
```

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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