

Converting Colors

`RYB(194, 108, 107)`

Have a look what the booklet for
RYB(194, 108, 107) contains.

RYB(194, 108, 107)	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(194, 108, 107)

Conversions

Conversions Part 1

Format	Color
Hex	C26C6B
RGB	194, 108, 107
RGB Percent	76%, 42%, 42%
CMY	0.2392, 0.5765, 0.5804
CMYK	0.00, 0.44, 0.45, 0.24
HSL	1°, 42%, 59%
HSV	1°, 45%, 76%
XYZ	30.2633, 23.2536, 16.8033
YIQ	133.6000, 51.5770, 17.9210

Conversions

Conversions Part 2

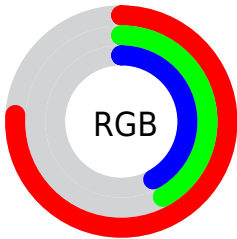
Format	Color
RYB	194, 108, 107
Decimal	12741739
CIELab	55.33, 33.96, 15.71
CIElCh	55, 37.415, 24.827
Yxy	23.2536, 0.4304, 0.3307
Android (android.graphics.Color)	4290931819 (0xFFC26C6B)
YUV	133.6000, -13.1138, 52.9708
Hunter-Lab	48.2220, 27.6352, 13.0954

Details

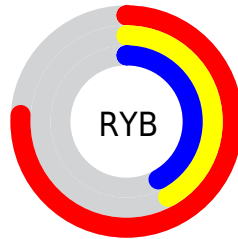
The RYB color **194, 108, 107** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **107, 150, 194**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **253, 161, 158**, and **137, 58, 60** is the 20% darker color. If you saturate the color by 10%, you get **194, 89, 88**, and if you desaturate by 10%, it is **194, 127, 126**.

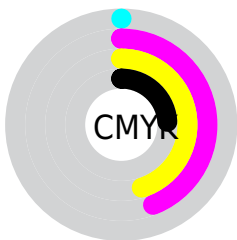
Distribution



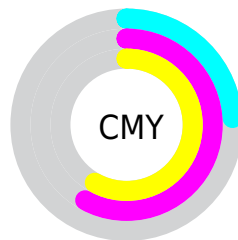
- Red (76%)
- Green (42%)
- Blue (42%)



- Red (76%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (45%)
- Black (24%)



- Cyan (24%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 108, 107 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 194, 108, 107 by changing the saturation by 10% instead.

 194, 108, 107

255, 255, 255

 253, 161, 158

 255, 188, 185

 255, 216, 213

 255, 247, 241

 194, 108, 107

 165, 83, 83

 137, 58, 60


 109, 33, 38

 82, 6, 18


 56, 0, 0


 27, 0, 1

 0, 0, 0

 194, 108, 107

 194, 89, 88


 194, 108, 107

 194, 127, 126

 194, 70, 68

 194, 146, 146

 194, 50, 49

 194, 166, 165

 194, 31, 29

 194, 185, 185

 194, 12, 10

 194, 199, 204

 194, 2, 0

 194, 209, 223

 194, 218, 243

 194, 225, 255

Harmonies

Analogous

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



190, 107, 139



194, 108, 107



182, 138, 80

Triad

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



194, 108, 107



87, 140, 146



67, 113, 197

Complementary

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



194, 108, 107



107, 150, 194

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, 81, 185



194, 108, 107



29, 95, 149

Square

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



194, 108, 107



72, 139, 86



0, 77, 159



127, 126, 191

Rectangle

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



194, 108, 107



144, 167, 70



0, 77, 159



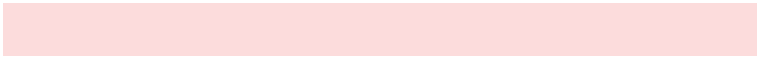
38, 100, 195

Sweetspot

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



194, 108, 107



252, 220, 220



194, 107, 194



128, 107, 107



0, 0, 0



128, 128, 128

Same Dimension

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



194, 108, 107



252, 118, 116



192, 194, 107



97, 87, 87



161, 2, 0



33, 0, 0

Inverse Universe

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



107, 150, 194



116, 184, 252



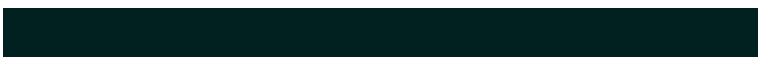
107, 136, 194



87, 92, 97



0, 80, 161



0, 17, 33

Previews

White Background



This preview shows how the RYB color 194, 108, 107 looks on a white background.

Color Contrast Check

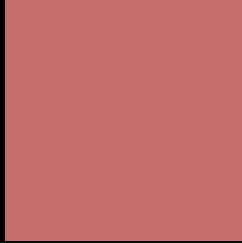
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 108, 107 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 194, 108, 107 Background



This preview shows how black text looks on a background with the RYB color 194, 108, 107.



This preview shows how white text looks on a background with the RYB color 194, 108, 107.

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
194, 108, 107

Protanopia
128, 139, 119

Deuteranopia
156, 149, 104



Tritanopia
195, 107, 115

Trichromacy



Original Color

194, 108, 107

Protanomaly

159, 126, 115

Deuteranomaly

170, 126, 105

Tritanomaly

195, 107, 112

Monochromacy



Original Color

194, 108, 107

Achromatopsia

134, 134, 134

Achromatomaly

156, 125, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 108, 107 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(194, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(194, 108, 107)  
}
```

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(194, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 108, 107) }
```

Border

The CSS property to change the border of an element to RYB 194, 108, 107 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(194, 108, 107) }
```

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

```
.border{ border-color:rgb(194, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(194, 108,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 194, 108, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 108, 107) }
```

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

```
.background{ background-color: rgb(194,  
108, 107) }
```

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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