

Converting Colors

`RYB(192, 110, 107)`

Have a look what the booklet for
RYB(192, 110, 107) contains.

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Color

R_YB(192, 110, 107)

Conversions

Conversions Part 1

Format	Color
Hex	C06E6B
RGB	192, 110, 107
RGB Percent	75%, 43%, 42%
CMY	0.2471, 0.5690, 0.5804
CMYK	0.00, 0.43, 0.44, 0.25
HSL	2°, 40%, 59%
HSV	2°, 44%, 75%
XYZ	29.9570, 23.3978, 16.8472
YIQ	134.1760, 49.8350, 16.4510

Conversions

Conversions Part 2

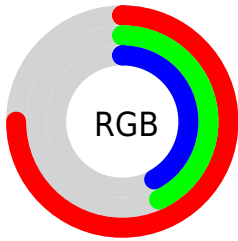
Format	Color
R _Y B	192, 110, 107
Decimal	12611179
CIE Lab	55.48, 32.17, 15.87
CIE LCh	55, 35.869, 26.260
Yxy	23.3978, 0.4267, 0.3333
Android (android.graphics.Color)	4290801259 (0xFFC06E6B)
YUV	134.1760, -13.3978, 50.7116
Hunter-Lab	48.3713, 25.8977, 13.2098

Details

The RYB color **192, 110, 107** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **107, 149, 192**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **251, 163, 158**, and **135, 60, 60** is the 20% darker color. If you saturate the color by 10%, you get **192, 91, 88**, and if you desaturate by 10%, it is **192, 128, 126**.

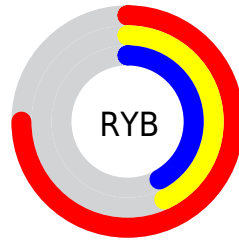
Distribution



Red (75%)

Green (43%)

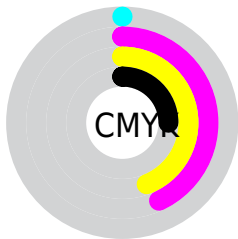
Blue (42%)



Red (75%)

Yellow (43%)

Blue (42%)

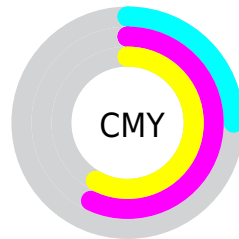


Cyan (0%)

Magenta (43%)

Yellow (44%)

Black (25%)



Cyan (25%)


Magenta (57%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the RYB color 192, 110, 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 192, 110, 107 by changing the saturation by 10% instead.

 192, 110, 107


255, 255, 255

 251, 163, 158

 255, 190, 185

 255, 219, 213


 255, 252, 241

 192, 110, 107

 163, 85, 83

 135, 60, 60

 108, 36, 38

 81, 10, 18


 55, 0, 0


 26, 0, 1

 0, 0, 0

 192, 110, 107

 192, 91, 88


 192, 110, 107

 192, 128, 126


 192, 73, 69

 192, 147, 145


 192, 54, 49

 192, 166, 165

 192, 36, 30

 192, 184, 184

 192, 17, 11

 192, 198, 203

 192, 7, 0

 192, 207, 222

 192, 216, 241

 192, 224, 255

Harmonies

Analogous

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



189, 108, 138



192, 110, 107



180, 141, 82

Triad

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



192, 110, 107



88, 138, 146



76, 116, 195

Complementary

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



192, 110, 107



107, 149, 192

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, 184



192, 110, 107



36, 98, 149

Square

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



192, 110, 107



76, 139, 90



0, 77, 159



130, 126, 189

Rectangle

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



192, 110, 107



139, 165, 72



0, 77, 159



52, 106, 193

Sweetspot

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



192, 110, 107



250, 219, 217



192, 107, 189



125, 106, 105



252, 252, 252



125, 125, 125

Same Dimension

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



192, 110, 107



250, 122, 117



183, 192, 107



97, 88, 87



161, 5, 0



33, 1, 0

Inverse Universe

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



107, 149, 192



117, 182, 250



107, 134, 192



87, 92, 97



0, 79, 161



0, 16, 33

Previews

White Background



This preview shows how the RYB color 192, 110, 107 looks on a white background.

Color Contrast Check

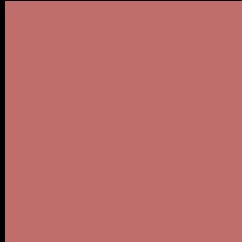
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 110, 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 192, 110, 107 Background



This preview shows how black text looks on a background with the RYB color 192, 110, 107.



This preview shows how white text looks on a background with the RYB color 192, 110, 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
192, 110, 107

Protanopia
126, 139, 118

Deuteranopia
156, 149, 104



Tritanopia
193, 108, 116

Trichromacy



Original Color

192, 110, 107

Protanomaly

158, 129, 114

Deuteranomaly

169, 126, 105

Tritanomaly

193, 109, 113

Monochromacy



Original Color

192, 110, 107

Achromatopsia

134, 134, 134

Achromatomaly

155, 125, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 110, 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(192, 110, 107)` looks like.

```
.text, #text, p{  
    color:rgb(192, 110, 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(192, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 110, 107) }
```

Border

The CSS property to change the border of an element to RYB 192, 110, 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(192, 110, 107) }
```

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

```
.border{ border-color:rgb(192, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(192, 110,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 192, 110, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 110, 107) }
```

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

```
.background{ background-color: rgb(192,  
110, 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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