

Converting Colors

`RYB(190, 106, 108)`

Have a look what the booklet for
RYB(190, 106, 108) contains.

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Color

R_YB(190, 106, 108)

Conversions

Conversions Part 1

Format	Color
Hex	BE6A6C
RGB	190, 106, 108
RGB Percent	75%, 42%, 42%
CMY	0.2549, 0.5843, 0.5765
CMYK	0.00, 0.44, 0.43, 0.25
HSL	359°, 39%, 58%
HSV	359°, 44%, 75%
XYZ	29.0960, 22.3379, 16.9655
YIQ	131.3440, 49.4220, 18.4300

Conversions

Conversions Part 2

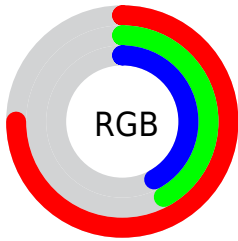
Format	Color
R _Y B	190, 106, 108
Decimal	12479084
CIE Lab	54.38, 33.60, 13.73
CIE LCh	54, 36.297, 22.226
Yxy	22.3379, 0.4254, 0.3266
Android (android.graphics.Color)	4290669164 (0xFFBE6A6C)
YUV	131.3440, -11.5086, 51.4413
Hunter-Lab	47.2630, 27.1777, 11.8014

Details

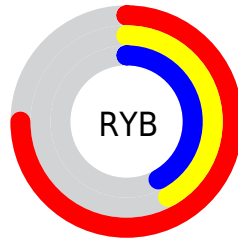
The RYB color **190, 106, 108** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **106, 149, 190**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **249, 159, 159**, and **133, 56, 61** is the 20% darker color. If you saturate the color by 10%, you get **190, 87, 89**, and if you desaturate by 10%, it is **190, 125, 127**.

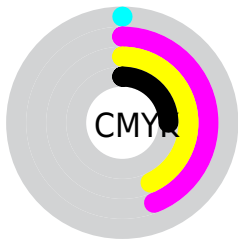
Distribution



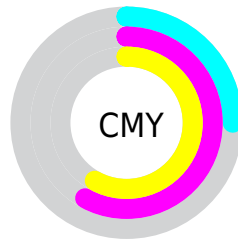
- Red (75%)
- Green (42%)
- Blue (42%)



- Red (75%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (43%)
- Black (25%)




- Cyan (25%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 106, 108 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 190, 106, 108 by changing the saturation by 10% instead.

 190, 106, 108


255, 255, 255


 249, 159, 159

 255, 186, 186

 255, 214, 214

 255, 243, 242

 190, 106, 108

 161, 81, 84

 133, 56, 61

 106, 32, 39

 79, 4, 19


 54, 0, 0


 21, 0, 0

 0, 0, 0


 190, 106, 108

 190, 87, 89


 190, 106, 108

 190, 125, 127


 190, 68, 71

 190, 144, 145


 190, 49, 52

 190, 163, 164

 190, 30, 34

 190, 182, 182

 190, 11, 15

 190, 196, 201

 190, 0, 5

 190, 205, 220

 190, 215, 239

 190, 223, 255

Harmonies

Analogous

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



185, 105, 140



190, 106, 108



179, 130, 82

Triad

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



190, 106, 108



90, 142, 142



62, 109, 192

Complementary

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



190, 106, 108



106, 149, 190

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, 79, 179



190, 106, 108



39, 100, 146

Square

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



190, 106, 108



70, 135, 79



0, 75, 153



121, 125, 188

Rectangle

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



190, 106, 108



149, 165, 70



0, 75, 153



32, 96, 189

Sweetspot

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



190, 106, 108



247, 215, 216



187, 106, 190



125, 105, 105



252, 252, 252



125, 125, 125

Same Dimension

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



190, 106, 108



247, 116, 119



190, 179, 106



94, 85, 85



158, 0, 4



31, 0, 1

Inverse Universe

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



190, 106, 108



247, 116, 119



106, 135, 190



94, 85, 85



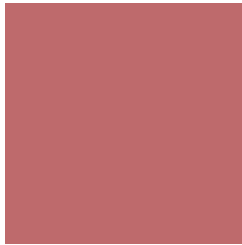
158, 0, 4



31, 0, 1

Previews

White Background



This preview shows how the RYB color 190, 106, 108 looks on a white background.

Color Contrast Check

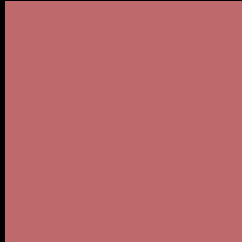
Large Text (above 18pt) WCAG AA ✓ Pass

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 190, 106, 108 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 190, 106, 108 Background



This preview shows how black text looks on a background with the RYB color 190, 106, 108.



This preview shows how white text looks on a background with the RYB color 190, 106, 108.

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
190, 106, 108

Protanopia
128, 135, 120

Deuteranopia
152, 140, 105



Tritanopia
190, 105, 113

Trichromacy



Original Color

190, 106, 108

Protanomaly

155, 122, 116

Deuteranomaly

166, 121, 106

Tritanomaly

190, 105, 111

Monochromacy



Original Color

190, 106, 108

Achromatopsia

131, 131, 131

Achromatomaly

152, 122, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 106, 108 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(190, 106, 108)` looks like.

```
.text, #text, p{  
    color:rgb(190, 106, 108)  
}
```

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(190, 106, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 106, 108) }
```

Border

The CSS property to change the border of an element to RYB 190, 106, 108 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(190, 106, 108) }
```

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

```
.border{ border-color:rgb(190, 106, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 106, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 106, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 106, 108);  
box-shadow:4px 4px 4px 4px rgb(190, 106,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 190, 106, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 106, 108) }
```

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

```
.background{ background-color: rgb(190,  
106, 108) }
```

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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