

Converting Colors

`RYB(198, 106, 107)`

Have a look what the booklet for
RYB(198, 106, 107) contains.

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Color

`RYB(198, 106, 107)`

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C66A6B |
| RGB | 198, 106, 107 |
| RGB Percent | 78%, 42%, 42% |
| CMY | 0.2235, 0.5843, 0.5804 |
| CMYK | 0.00, 0.46, 0.46, 0.22 |
| HSL | 359°, 45%, 60% |
| HSV | 359°, 46%, 78% |
| XYZ | 31.0966, 23.3754, 16.7828 |
| YIQ | 133.6220, 54.5110, 19.8150 |

Conversions

Conversions Part 2

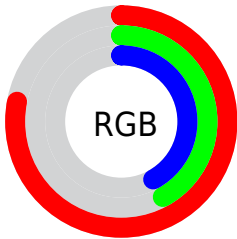
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 198, 106, 107 |
| Decimal | 13003371 |
| CIE Lab | 55.46, 36.53, 15.97 |
| CIE LCh | 55, 39.865, 23.612 |
| Yxy | 23.3754, 0.4364, 0.3281 |
| Android (android.graphics.Color) | 4291193451 (0xFFC66A6B) |
| YUV | 133.6220, -13.1246, 56.4595 |
| Hunter-Lab | 48.3481, 30.1987, 13.2626 |

Details

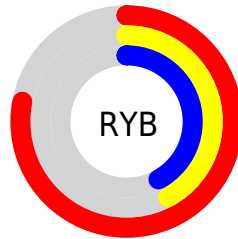
The RYB color **198, 106, 107** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **106, 152, 198**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 159, 158**, and **141, 56, 60** is the 20% darker color. If you saturate the color by 10%, you get **198, 86, 87**, and if you desaturate by 10%, it is **198, 126, 127**.

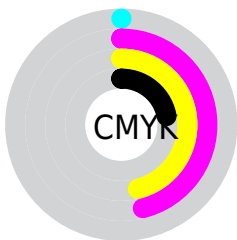
Distribution



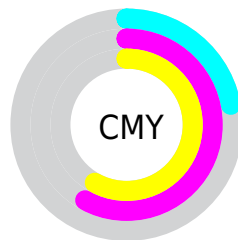
- Red (78%)
- Green (42%)
- Blue (42%)



- Red (78%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 106, 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 198, 106, 107 by changing the saturation by 10% instead.

 198, 106, 107

255, 255, 255

 255, 159, 158


 255, 186, 185

 255, 215, 213

 255, 243, 241

 198, 106, 107

 169, 81, 83

 141, 56, 60

 113, 30, 38

 85, 1, 18

 59, 0, 0

 31, 0, 1

 0, 0, 0

 198, 106, 107

 198, 86, 87


 198, 106, 107

 198, 126, 127


 198, 66, 68

 198, 146, 146

 198, 47, 48

 198, 165, 166

 198, 27, 29

 198, 185, 185

 198, 7, 9

 198, 202, 205

 198, 0, 2

 198, 212, 225

 198, 222, 245

 198, 227, 255

Harmonies

Analogous

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



193, 105, 142



198, 106, 107



186, 137, 78

Triad

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



198, 106, 107



85, 141, 146



54, 108, 201

Complementary

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



198, 106, 107



106, 152, 198

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, 82, 188



198, 106, 107



11, 88, 150

Square

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



198, 106, 107



67, 139, 80



0, 77, 159



124, 127, 196

Rectangle

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



198, 106, 107



148, 170, 66



0, 77, 159



0, 83, 199

Sweetspot

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



198, 106, 107



255, 219, 220



196, 106, 198



128, 106, 106



0, 0, 0



128, 128, 128

Same Dimension

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



198, 106, 107



255, 112, 114



198, 190, 106



99, 90, 90



163, 0, 2



36, 0, 0

Inverse Universe

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



198, 106, 107



255, 112, 114



106, 138, 198



99, 90, 90



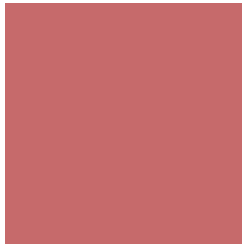
163, 0, 2



36, 0, 0

Previews

White Background



This preview shows how the RYB color 198, 106, 107 looks on a white background.

Color Contrast Check

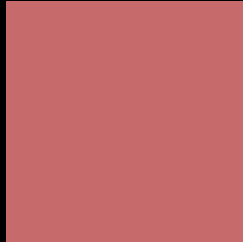
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 106, 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 198, 106, 107 Background



This preview shows how black text looks on a background with the RYB color 198, 106, 107.



This preview shows how white text looks on a background with the RYB color 198, 106, 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
198, 106, 107

Protanopia
129, 139, 120

Deuteranopia
156, 150, 103



Tritanopia
198, 105, 113

Trichromacy



Original Color

198, 106, 107

Protanomaly

160, 125, 115

Deuteranomaly

171, 125, 104

Tritanomaly

198, 105, 111

Monochromacy



Original Color

198, 106, 107

Achromatopsia

134, 134, 134

Achromatomaly

157, 124, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 106, 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(198, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(198, 106, 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(198, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 106, 107) }
```

Border

The CSS property to change the border of an element to RYB 198, 106, 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(198, 106, 107) }
```

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

```
.border{ border-color:rgb(198, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(198, 106,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 198, 106, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 106, 107) }
```

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

```
.background{ background-color: rgb(198,  
106, 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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