

Converting Colors

`RYB(198, 114, 123)`

Have a look what the booklet for
RYB(198, 114, 123) contains.

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Color

`RYB(198, 114, 123)`

Conversions

Conversions Part 1

Format	Color
Hex	C6727B
RGB	198, 114, 123
RGB Percent	78%, 45%, 48%
CMY	0.2235, 0.5529, 0.5176
CMYK	0.00, 0.42, 0.38, 0.22
HSL	354°, 42%, 61%
HSV	354°, 42%, 78%
XYZ	32.8812, 25.4705, 21.9222
YIQ	140.1420, 47.1750, 20.6070

Conversions

Conversions Part 2

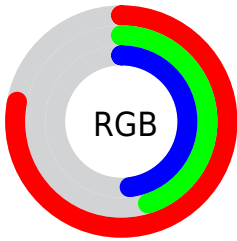
Format	Color
R_{YB}	198, 114, 123
Decimal	13005435
CIE _{Lab}	57.53, 34.06, 9.56
CIE _{LCh}	58, 35.371, 15.675
Yxy	25.4705, 0.4096, 0.3173
Android (android.graphics.Color)	4291195515 (0xFFC6727B)
YUV	140.1420, -8.4510, 50.7415
Hunter-Lab	50.4683, 27.9772, 9.5737

Details

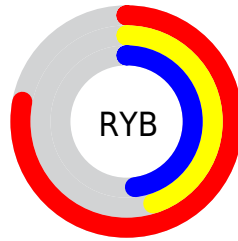
The RYB color **198, 114, 123** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **114, 158, 198**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **255, 167, 175**, and **141, 64, 74** is the 20% darker color. If you saturate the color by 10%, you get **198, 94, 105**, and if you desaturate by 10%, it is **198, 134, 141**.

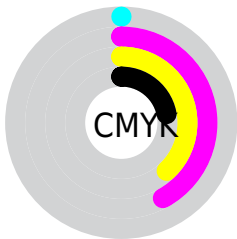
Distribution



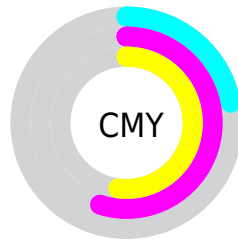
- Red (78%)
- Green (45%)
- Blue (48%)



- Red (78%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (42%)
- Yellow (38%)
- Black (22%)



- Cyan (22%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 114, 123 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, 114, 123 by changing the saturation by 10% instead.

 198, 114, 123

255, 255, 255

 255, 167, 175


 255, 195, 203

 255, 223, 231

 255, 252, 255

 198, 114, 123

 169, 89, 98

 141, 64, 74

 114, 39, 52

 87, 13, 31

 61, 0, 6

 37, 0, 1

 0, 0, 0

 198, 114, 123

 198, 94, 105

 198, 114, 123

 198, 134, 141

■ 198, 74, 88

■ 198, 154, 158

■ 198, 55, 70

■ 198, 173, 176

■ 198, 35, 52

■ 198, 193, 194

■ 198, 15, 35

■ 198, 206, 213

■ 198, 0, 21

■ 198, 217, 233

■ 198, 227, 253

■ 198, 227, 255

Harmonies

Analogous

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



189, 115, 154



198, 114, 123



191, 131, 95

Triad

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



198, 114, 123



94, 149, 136



61, 113, 197

Complementary

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



198, 114, 123



114, 158, 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, 83, 181



198, 114, 123



65, 118, 153

Square

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



198, 114, 123



78, 142, 77



0, 77, 154



119, 133, 197

Rectangle

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



198, 114, 123



179, 169, 82



0, 77, 154



35, 101, 194

Sweetspot

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



198, 114, 123



255, 222, 225



188, 114, 198



128, 107, 109



0, 0, 0



128, 128, 128

Same Dimension

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



198, 114, 123



255, 125, 139



198, 166, 114



99, 90, 91



163, 0, 17



36, 0, 4

Inverse Universe

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



198, 114, 123



255, 125, 139



114, 146, 198



99, 90, 91



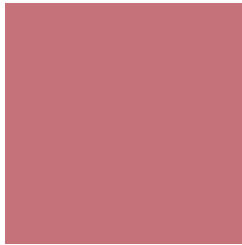
163, 0, 17



36, 0, 4

Previews

White Background



This preview shows how the RYB color 198, 114, 123 looks on a white background.

Color Contrast Check

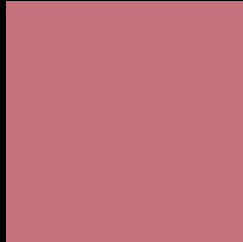
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114, 123 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, 114, 123 Background



This preview shows how black text looks on a background with the RYB color 198, 114, 123.



This preview shows how white text looks on a background with the RYB color 198, 114, 123.

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, 114, 123

Protanopia
142, 139, 136

Deuteranopia
159, 140, 120



Tritanopia
198, 114, 122

Trichromacy



Original Color

198, 114, 123

Protanomaly

162, 129, 131

Deuteranomaly

173, 127, 121

Tritanomaly

198, 114, 122

Monochromacy



Original Color

198, 114, 123

Achromatopsia

140, 140, 140

Achromatomaly

161, 131, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 114, 123 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, 114, 123) looks like.

```
.text, #text, p{  
    color:rgb(198, 114, 123)  
}
```

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, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 114, 123) }
```

Border

The CSS property to change the border of an element to RYB 198, 114, 123 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, 114, 123) }
```

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

```
.border{ border-color:rgb(198, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(198, 114,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 198, 114, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 114, 123) }
```

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

```
.background{ background-color: rgb(198,  
114, 123) }
```

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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