

Converting Colors

`RYB(197, 111, 123)`

Have a look what the booklet for
RYB(197, 111, 123) contains.

RYB(197, 111, 123)	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(197, 111, 123)

Conversions

Conversions Part 1

Format	Color
Hex	C56F7B
RGB	197, 111, 123
RGB Percent	77%, 44%, 48%
CMY	0.2275, 0.5647, 0.5176
CMYK	0.00, 0.44, 0.38, 0.23
HSL	352°, 43%, 60%
HSV	352°, 44%, 77%
XYZ	32.2855, 24.6693, 21.7989
YIQ	138.0820, 47.4040, 21.9640

Conversions

Conversions Part 2

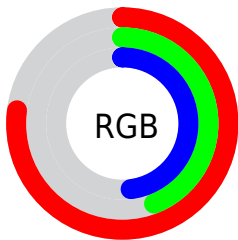
Format	Color
R_{YB}	197, 111, 123
Decimal	12939131
CIE _{Lab}	56.75, 35.28, 8.43
CIE _{LCh}	57, 36.276, 13.443
Yxy	24.6693, 0.4100, 0.3132
Android (android.graphics.Color)	4291129211 (0xFFC56F7B)
YUV	138.0820, -7.4354, 51.6711
Hunter-Lab	49.6682, 29.1102, 8.7459

Details

The RYB color **197, 111, 123** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **111, 157, 197**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 164, 175**, and **140, 61, 74** is the 20% darker color. If you saturate the color by 10%, you get **197, 91, 106**, and if you desaturate by 10%, it is **197, 131, 140**.

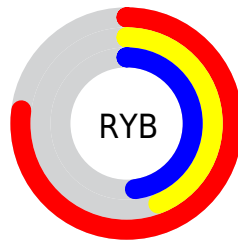
Distribution



Red (77%)

Green (44%)

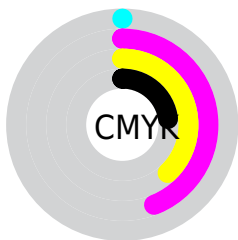
Blue (48%)



Red (77%)

Yellow (44%)

Blue (48%)

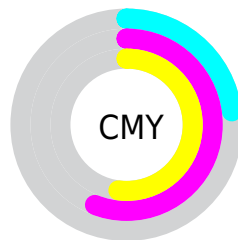


Cyan (0%)

Magenta (44%)

Yellow (38%)

Black (23%)



Cyan (23%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 111, 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 197, 111, 123 by changing the saturation by 10% instead.

 197, 111, 123

255, 255, 255

 255, 164, 175

 255, 192, 203

 255, 220, 231

 255, 249, 255

 197, 111, 123

 168, 86, 98

 140, 61, 74

 113, 36, 52

 86, 8, 31

 60, 0, 6


 35, 0, 1

 0, 0, 0

 197, 111, 123

 197, 91, 106

 197, 111, 123

 197, 131, 140

197, 72, 89

197, 150, 157

197, 52, 72

197, 170, 174

197, 32, 55

197, 190, 191

197, 12, 38

197, 204, 210

197, 0, 27

197, 214, 229

197, 225, 249

197, 226, 255

Harmonies

Analogous

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



186, 113, 155



197, 111, 123



191, 124, 94

Triad

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



197, 111, 123



89, 147, 129



47, 106, 196

Complementary

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



197, 111, 123



111, 157, 197

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, 179



197, 111, 123



64, 118, 151

Square

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



197, 111, 123



76, 142, 73



0, 77, 153



112, 129, 197

Rectangle

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



197, 111, 123



179, 159, 80



0, 77, 153



5, 86, 192

Sweetspot

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



197, 111, 123



255, 222, 226



184, 111, 197



128, 107, 110



0, 0, 0



128, 128, 128

Same Dimension

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



197, 111, 123



255, 122, 141



197, 157, 111



99, 90, 91



163, 0, 23



36, 0, 5

Inverse Universe

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



197, 111, 123



255, 122, 141



111, 145, 197



99, 90, 91



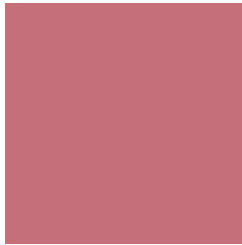
163, 0, 23



36, 0, 5

Previews

White Background



This preview shows how the RYB color 197, 111, 123 looks on a white background.

Color Contrast Check

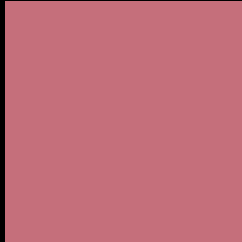
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 111, 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 197, 111, 123 Background



This preview shows how black text looks on a background with the RYB color 197, 111, 123.



This preview shows how white text looks on a background with the RYB color 197, 111, 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





Tritanopia
197, 112, 120

Trichromacy



Original Color
197, 111, 123

Protanomaly
160, 127, 132

Deuteranomaly
171, 124, 120

Tritanomaly
197, 112, 121

Monochromacy



Original Color
197, 111, 123

Achromatopsia
138, 138, 138

Achromatomaly
159, 128, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 111, 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(197, 111, 123)` looks like.

```
.text, #text, p{  
    color:rgb(197, 111, 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(197, 111, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 111, 123) }
```

Border

The CSS property to change the border of an element to RYB 197, 111, 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(197, 111, 123) }
```

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

```
.border{ border-color:rgb(197, 111, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 111, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 111, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 111, 123);  
box-shadow:4px 4px 4px 4px rgb(197, 111,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 197, 111, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 111, 123) }
```

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

```
.background{ background-color: rgb(197,  
111, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor