

Converting Colors

`RYB(199, 98, 111)`

Have a look what the booklet for
RYB(199, 98, 111) contains.

RYB(199, 98, 111)	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

`RYB(199, 98, 111)`

Conversions

Conversions Part 1

Format	Color
Hex	C7626F
RGB	199, 98, 111
RGB Percent	78%, 38%, 44%
CMY	0.2196, 0.6157, 0.5647
CMYK	0.00, 0.51, 0.44, 0.22
HSL	352°, 47%, 58%
HSV	352°, 51%, 78%
XYZ	30.7901, 22.0252, 17.6674
YIQ	129.6810, 56.0230, 25.4550

Conversions

Conversions Part 2

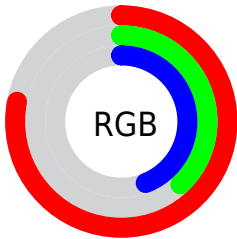
Format	Color
R_{YB}	199, 98, 111
Decimal	13066863
CIE _{Lab}	54.05, 41.44, 11.70
CIE _{LCh}	54, 43.059, 15.762
Yxy	22.0252, 0.4368, 0.3125
Android (android.graphics.Color)	4291256943 (0xFFC7626F)
YUV	129.6810, -9.2097, 60.7928
Hunter-Lab	46.9310, 34.9796, 10.5317

Details

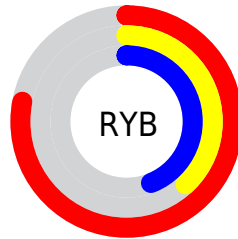
The RYB color **199, 98, 111** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **98, 152, 199**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 151, 163**, and **141, 46, 64** is the 20% darker color. If you saturate the color by 10%, you get **199, 78, 94**, and if you desaturate by 10%, it is **199, 118, 128**.

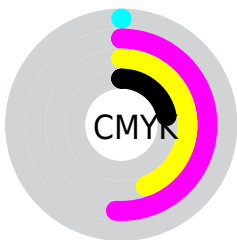
Distribution



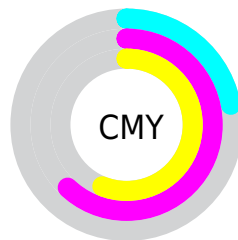
- Red (78%)
- Green (38%)
- Blue (44%)



- Red (78%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (44%)
- Black (22%)



- Cyan (22%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 98, 111 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 199, 98, 111 by changing the saturation by 10% instead.

 199, 98, 111  199, 98, 111

255, 255, 255  170, 72, 87

 255, 151, 163  141, 46, 64

 255, 179, 190  113, 18, 42

 255, 207, 217  86, 0, 22

 255, 236, 246  60, 0, 0

 29, 0, 1

 0, 0, 0


 199, 98, 111  199, 98, 111

 199, 78, 94  199, 118, 128

 199, 58, 76

 199, 138, 146

 199, 38, 59

 199, 158, 163

 199, 18, 42

 199, 178, 180

 199, 0, 26

 199, 198, 198

 199, 209, 217

 199, 219, 237

 199, 228, 255

 199, 227, 255

Harmonies

Analogous

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



189, 100, 149



199, 98, 111



190, 117, 78

Triad

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



199, 98, 111



75, 142, 127



0, 82, 201

Complementary

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



199, 98, 111



98, 152, 199

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, 182



199, 98, 111



15, 92, 147

Square

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



199, 98, 111



54, 133, 55



0, 74, 148



102, 121, 201

Rectangle

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



199, 98, 111



175, 167, 61



0, 74, 148



0, 82, 196

Sweetspot

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



199, 98, 111



255, 217, 222



186, 98, 199



128, 105, 108



0, 0, 0



128, 128, 128

Same Dimension

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



199, 98, 111



255, 99, 119



199, 156, 98



99, 90, 91



163, 0, 21



36, 0, 5

Inverse Universe

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



199, 98, 111



255, 99, 119



98, 137, 199



99, 90, 91



163, 0, 21



36, 0, 5

Previews

White Background



This preview shows how the RYB color 199, 98, 111 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 199, 98, 111 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](#).

R Y B 199, 98, 111 Background



This preview shows how black text looks on a background with the RYB color 199, 98, 111.

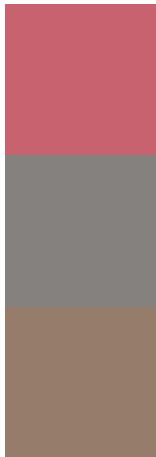


This preview shows how white text looks on a background with the RYB color 199, 98, 111.

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
[199](#), [98](#), [111](#)

Protanopia
[133](#), [130](#), [127](#)

Deuteranopia
[150](#), [138](#), [107](#)



Tritanopia
199, 99, 106

Trichromacy



Original Color

199, 98, 111

Protanomaly

157, 118, 121

Deuteranomaly

168, 116, 108

Tritanomaly

199, 99, 108

Monochromacy



Original Color

199, 98, 111

Achromatopsia

130, 130, 130

Achromatomaly

155, 118, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 98, 111 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(199, 98, 111)` looks like.

```
.text, #text, p{  
    color:rgb(199, 98, 111)  
}
```

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(199, 98, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 98, 111) }
```

Border

The CSS property to change the border of an element to RYB 199, 98, 111 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(199, 98, 111) }
```

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

```
.border{ border-color:rgb(199, 98, 111) }
```

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

Here you see how a box with a 4 pixel rgb(199, 98, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 98, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 98, 111);  
box-shadow:4px 4px 4px 4px rgb(199, 98,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 199, 98, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 98, 111) }
```

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

```
.background{ background-color: rgb(199, 98,  
111) }
```

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