

Converting Colors

`RYB(190, 95, 203)`

Have a look what the booklet for
RYB(190, 95, 203) contains.

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Color

R_YB(190, 95, 203)

Conversions

Conversions Part 1

Format	Color
Hex	BE5FCB
RGB	190, 95, 203
RGB Percent	75%, 37%, 80%
CMY	0.2549, 0.6275, 0.2039
CMYK	0.06, 0.53, 0.00, 0.20
HSL	293°, 51%, 58%
HSV	293°, 53%, 80%
XYZ	36.1069, 23.4434, 59.1219
YIQ	135.7170, 21.9520, 53.7280

Conversions

Conversions Part 2

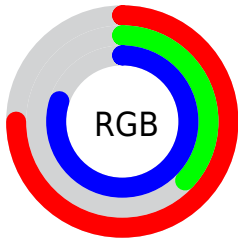
Format	Color
R_{YB}	190, 95, 203
Decimal	12476363
CIE _{Lab}	55.53, 53.82, -39.84
CIE _{LCh}	56, 66.963, 323.486
Yxy	23.4434, 0.3043, 0.1975
Android (android.graphics.Color)	4290666443 (0xFFBE5FCB)
YUV	135.7170, 33.1705, 47.6062
Hunter-Lab	48.4183, 48.3803, -38.5040

Details

The RYB color **190, 95, 203** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **95, 203, 190**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **248, 149, 255**, and **134, 40, 148** is the 20% darker color. If you saturate the color by 10%, you get **188, 75, 203**, and if you desaturate by 10%, it is **192, 115, 203**.

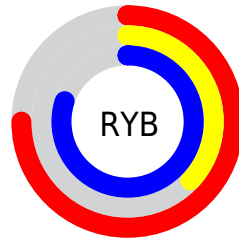
Distribution



Red (75%)

Green (37%)

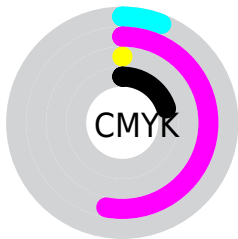
Blue (80%)



Red (75%)

Yellow (37%)

Blue (80%)

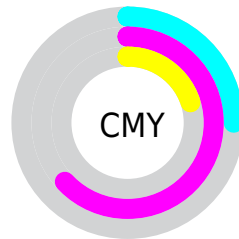


Cyan (6%)

Magenta (53%)

Yellow (0%)

Black (20%)



Cyan (25%)


Magenta (63%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 95, 203 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, 95, 203 by changing the saturation by 10% instead.

 190, 95, 203

 190, 95, 203

255, 255, 255

 162, 68, 175

 248, 149, 255

 134, 40, 148

 255, 177, 255

 107, 3, 122

 255, 205, 255

 80, 0, 97

 255, 234, 255

 54, 0, 72


 30, 0, 49

 0, 1, 27


 0, 0, 0

 190, 95, 203


 190, 95, 203

 188, 75, 203


 192, 115, 203


 185, 54, 203

 195, 136, 203

 183, 34, 203

 197, 156, 203

 180, 14, 203

 200, 176, 203

 179, 0, 203

 202, 197, 203

 203, 217, 215

 203, 237, 233

 203, 255, 248

 203, 255, 246

Harmonies

Analogous

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



104, 121, 240



190, 95, 203



229, 72, 148

Triad

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



190, 95, 203



59, 170, 0



0, 84, 178

Complementary

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



190, 95, 203



95, 203, 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, 91, 159



190, 95, 203



0, 143, 27

Square

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



190, 95, 203



212, 138, 37



18, 123, 154



0, 92, 226

Rectangle

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



190, 95, 203



236, 71, 109



18, 123, 154



0, 80, 159

Sweetspot

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



190, 95, 203



250, 214, 255



95, 107, 203



125, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 95, 203



235, 92, 255



203, 95, 163



101, 92, 102



146, 0, 166



34, 0, 38

Inverse Universe

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



203, 95, 108



255, 92, 111



95, 174, 203



102, 92, 93



166, 0, 20



38, 0, 5

Previews

White Background



This preview shows how the RYB color 190, 95, 203 looks on a white background.

Color Contrast Check

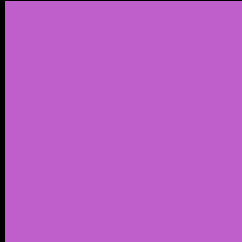
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

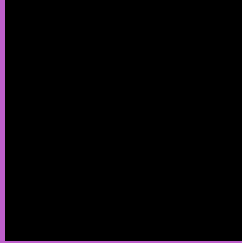
Any Text WCAG AA ✓ Pass

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](#).

RYP 190, 95, 203 Background



This preview shows how black text looks on a background with the RYP color 190, 95, 203.

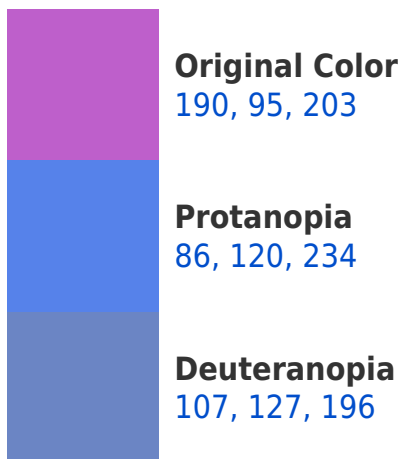



This preview shows how white text looks on a background with the RYP color 190, 95, 203.

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
180, 115, 124

Trichromacy



Original Color

190, 95, 203



Protanomaly

124, 117, 223



Deuteranomaly

137, 119, 199



Tritanomaly

184, 108, 153

Monochromacy



Original Color

190, 95, 203



Achromatopsia

136, 136, 136



Achromatomaly

156, 121, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 95, 203 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, 95, 203)` looks like.

```
.text, #text, p{  
    color:rgb(190, 95, 203)  
}
```

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, 95, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 95, 203) }
```

Border

The CSS property to change the border of an element to RYB 190, 95, 203 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, 95, 203) }
```

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

```
.border{ border-color:rgb(190, 95, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 95, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 95, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 95, 203);  
box-shadow:4px 4px 4px 4px rgb(190, 95,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 190, 95, 203 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 95, 203) }
```

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

```
.background{ background-color: rgb(190, 95,  
203) }
```

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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