

Converting Colors

`RYB(195, 111, 193)`

Have a look what the booklet for
RYB(195, 111, 193) contains.

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Color

R_YB(195, 111, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C36FC1
RGB	195, 111, 193
RGB Percent	76%, 44%, 76%
CMY	0.2353, 0.5647, 0.2431
CMYK	0.00, 0.43, 0.01, 0.24
HSL	301°, 41%, 60%
HSV	301°, 43%, 76%
XYZ	37.8158, 26.8212, 53.6360
YIQ	145.4640, 23.7420, 43.3100

Conversions

Conversions Part 2

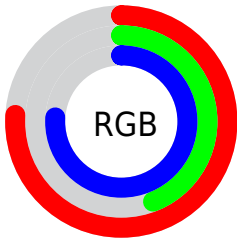
Format	Color
R _Y B	195, 111, 193
Decimal	12808129
CIE Lab	58.81, 45.30, -28.97
CIE LCh	59, 53.769, 327.395
Yxy	26.8212, 0.3197, 0.2268
Android (android.graphics.Color)	4290998209 (0xFFC36FC1)
YUV	145.4640, 23.4352, 43.4431
Hunter-Lab	51.7892, 39.7070, -25.1518

Details

The RYB color **195, 111, 193** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **111, 193, 195**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **253, 165, 250**, and **139, 59, 139** is the 20% darker color. If you saturate the color by 10%, you get **195, 91, 193**, and if you desaturate by 10%, it is **195, 131, 193**.

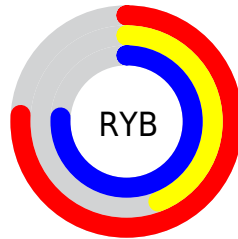
Distribution



Red (76%)

Green (44%)

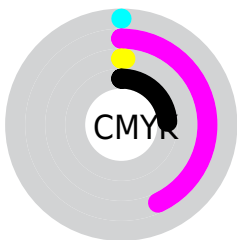
Blue (76%)



Red (76%)

Yellow (44%)

Blue (76%)

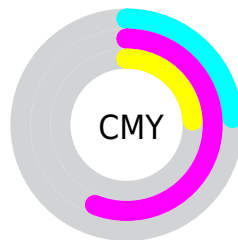


Cyan (0%)

Magenta (43%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 111, 193 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 195, 111, 193 by changing the saturation by 10% instead.

 195, 111, 193

255, 255, 255

 253, 165, 250

 255, 193, 255


 255, 221, 255

 255, 250, 255

 195, 111, 193

 167, 85, 166

 139, 59, 139

 113, 33, 113

 87, 0, 89


 61, 0, 65

 40, 0, 43

 0, 1, 20

 0, 0, 0

 195, 111, 193

 195, 111, 193

195, 91, 193

195, 131, 193

195, 72, 192

195, 150, 194

195, 53, 192

195, 170, 194

195, 33, 191

195, 189, 195

195, 14, 191

195, 208, 208

195, 0, 190

195, 227, 228

195, 246, 247

195, 253, 255

Harmonies

Analogous

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



136, 131, 226



195, 111, 193



224, 99, 148

Triad

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



195, 111, 193



82, 170, 40



0, 87, 184

Complementary

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



195, 111, 193



111, 193, 195

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, 90, 164



195, 111, 193



51, 152, 79

Square

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



195, 111, 193



206, 159, 62



59, 137, 160



0, 92, 220

Rectangle

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



195, 111, 193



228, 100, 116



59, 137, 160



0, 83, 168

Sweetspot

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



195, 111, 193



252, 220, 252



112, 111, 195



128, 107, 127



0, 0, 0



128, 128, 128

Same Dimension

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



195, 111, 193



252, 121, 249



195, 111, 152



97, 87, 97



161, 0, 157



33, 0, 32

Inverse Universe

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



195, 111, 193



252, 121, 249



111, 167, 195



97, 87, 97



161, 0, 157



33, 0, 32

Previews

White Background



This preview shows how the RYB color 195, 111, 193 looks on a white background.

Color Contrast Check

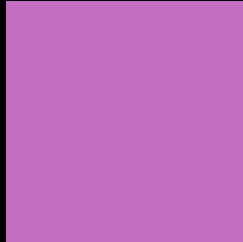
Large Text (above 18pt) WCAG AA ✓ Pass

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 195, 111, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

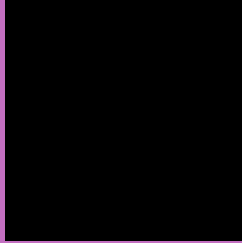
Any Text WCAG AA ✓ Pass

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 195, 111, 193 Background



This preview shows how black text looks on a background with the RYB color 195, 111, 193.

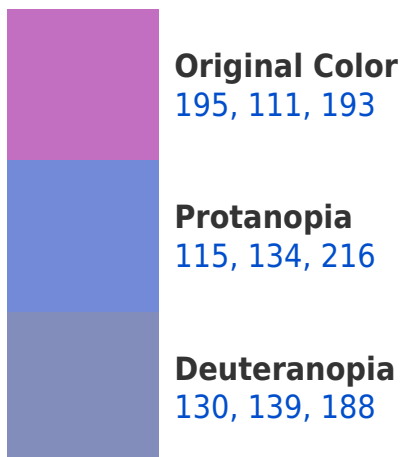


This preview shows how white text looks on a background with the RYB color 195, 111, 193.

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
188, 124, 134

Trichromacy



Original Color

195, 111, 193



Protanomaly

144, 129, 208



Deuteranomaly

154, 129, 190



Tritanomaly

191, 119, 155

Monochromacy



Original Color

195, 111, 193



Achromatopsia

145, 145, 145



Achromatomaly

163, 133, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 111, 193 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(195, 111, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 193)  
}
```

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(195, 111, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 193) }
```

Border

The CSS property to change the border of an element to RYB 195, 111, 193 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(195, 111, 193) }
```

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

```
.border{ border-color:rgb(195, 111, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 195, 111, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 193) }
```

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

```
.background{ background-color: rgb(195,  
111, 193) }
```

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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