

Converting Colors

`RYB(195, 111, 170)`

Have a look what the booklet for
RYB(195, 111, 170) contains.

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Color

R_YB(195, 111, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C36FAA
RGB	195, 111, 170
RGB Percent	76%, 44%, 67%
CMY	0.2353, 0.5647, 0.3333
CMYK	0.00, 0.43, 0.13, 0.24
HSL	318°, 41%, 60%
HSV	318°, 43%, 76%
XYZ	35.4458, 25.8733, 41.1560
YIQ	142.8420, 31.1250, 36.1570

Conversions

Conversions Part 2

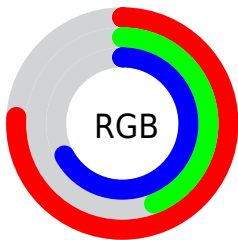
Format	Color
RYB	195, 111, 170
Decimal	12808106
CIELab	57.92, 41.29, -17.16
CIELCh	58, 44.717, 337.428
Yxy	25.8733, 0.3459, 0.2525
Android (android.graphics.Color)	4290998186 (0xFFC36FAA)
YUV	142.8420, 13.3889, 45.7426
Hunter-Lab	50.8658, 35.3727, -12.3662

Details

The RYB color **195, 111, 170** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **111, 176, 195**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **253, 165, 225**, and **139, 60, 118** is the 20% darker color. If you saturate the color by 10%, you get **195, 91, 164**, and if you desaturate by 10%, it is **195, 131, 176**.

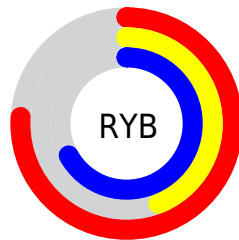
Distribution



Red (76%)

Green (44%)

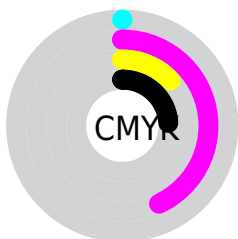
Blue (67%)



Red (76%)

Yellow (44%)

Blue (67%)

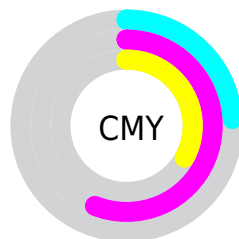


Cyan (0%)

Magenta (43%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 111, 170 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, 170 by changing the saturation by 10% instead.

 195, 111, 170

255, 255, 255

 253, 165, 225

 255, 192, 254

 255, 221, 255

 255, 250, 255

 195, 111, 170

 167, 85, 143

 139, 60, 118

 113, 34, 93

 87, 3, 69

 61, 0, 47

 40, 0, 26

 0, 0, 0

 195, 111, 170

 195, 91, 164

 195, 111, 170

 195, 131, 176

195, 72, 158

195, 150, 182

195, 53, 153

195, 170, 187

195, 33, 147

195, 189, 193

195, 14, 141

195, 205, 208

195, 0, 137

195, 220, 228

195, 235, 247

195, 239, 255

195, 236, 255

Harmonies

Analogous

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



155, 125, 201



195, 111, 170



212, 106, 131

Triad

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



195, 111, 170



73, 153, 58



0, 85, 186

Complementary

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



195, 111, 170



111, 176, 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, 82, 159



195, 111, 170



75, 151, 115

Square

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



195, 111, 170



186, 186, 66



54, 122, 157



0, 88, 211

Rectangle

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



195, 111, 170



211, 109, 105



54, 122, 157



0, 83, 174

Sweetspot

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



195, 111, 170



252, 220, 243



135, 111, 195



128, 107, 121



0, 0, 0



128, 128, 128

Same Dimension

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



195, 111, 170



252, 121, 213



195, 111, 129



97, 87, 94



161, 0, 113



33, 0, 23

Inverse Universe

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



195, 111, 170



252, 121, 213



111, 158, 195



97, 87, 94



161, 0, 113



33, 0, 23

Previews

White Background



This preview shows how the RYB color 195, 111, 170 looks on a white background.

Color Contrast Check

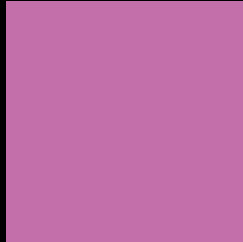
Large Text (above 18pt) WCAG AA ✓ Pass

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, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

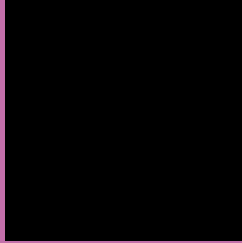
Any Text WCAG AA ✓ Pass

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, 170 Background



This preview shows how black text looks on a background with the RYB color 195, 111, 170.

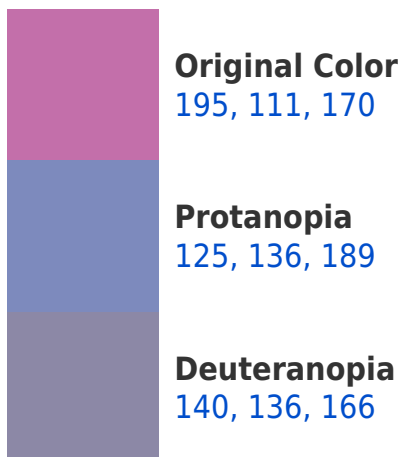



This preview shows how white text looks on a background with the RYB color 195, 111, 170.

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
190, 119, 128

Trichromacy



Original Color

195, 111, 170



Protanomaly

150, 128, 182



Deuteranomaly

160, 127, 167



Tritanomaly

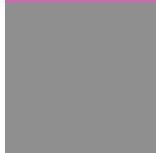
192, 116, 143

Monochromacy



Original Color

195, 111, 170



Achromatopsia

143, 143, 143



Achromatomaly

162, 131, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 111, 170 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 170) }
```

Border

The CSS property to change the border of an element to RYB 195, 111, 170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

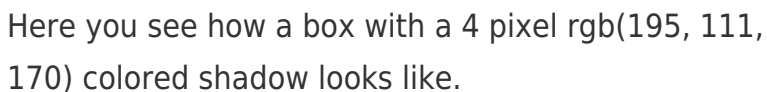
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 111, 170) }
```

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

```
.border{ border-color:rgb(195, 111, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 111, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 111, 170); box-shadow:4px 4px 4px 4px rgb(195, 111, 170) }
```

Background

The CSS property to change the background color of an element to RYB 195, 111, 170 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, 170) }
```

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

```
.background{ background-color: rgb(195,  
111, 170) }
```

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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