

Converting Colors

`RYB(195, 75, 156)`

Have a look what the booklet for
RYB(195, 75, 156) contains.

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Color

R_YB(195, 75, 156)

Conversions

Conversions Part 1

Format	Color
Hex	C34B9C
RGB	195, 75, 156
RGB Percent	76%, 29%, 61%
CMY	0.2353, 0.7059, 0.3882
CMYK	0.00, 0.62, 0.20, 0.24
HSL	320°, 50%, 53%
HSV	320°, 62%, 76%
XYZ	31.0225, 19.0346, 33.4915
YIQ	120.1140, 45.5190, 50.6310

Conversions

Conversions Part 2

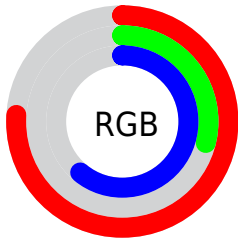
Format	Color
RYB	195, 75, 156
Decimal	12798876
CIELab	50.73, 56.64, -19.96
CIELCh	51, 60.052, 340.588
Yxy	19.0346, 0.3713, 0.2278
Android (android.graphics.Color)	4290988956 (0xFFC34B9C)
YUV	120.1140, 17.6918, 65.6750
Hunter-Lab	43.6286, 50.5739, -14.9739

Details

The RYB color **195, 75, 156** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **75, 166, 195**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **254, 130, 211**, and **138, 6, 105** is the 20% darker color. If you saturate the color by 10%, you get **195, 56, 150**, and if you desaturate by 10%, it is **195, 95, 162**.

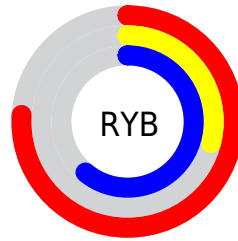
Distribution



Red (76%)

Green (29%)

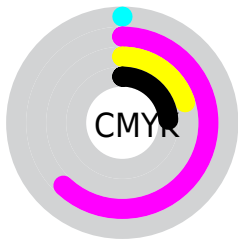
Blue (61%)



Red (76%)

Yellow (29%)

Blue (61%)

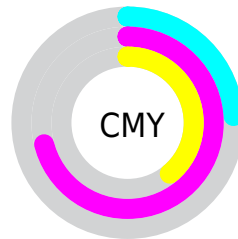


Cyan (0%)

Magenta (62%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (71%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 75, 156 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, 75, 156 by changing the saturation by 10% instead.

 195, 75, 156

255, 255, 255


 254, 130, 211

 255, 158, 239

 255, 186, 255

 255, 215, 255

 255, 244, 255

 195, 75, 156

 166, 46, 130

 138, 6, 105


 110, 0, 80

 83, 0, 57


 59, 0, 36

 28, 0, 10

 0, 0, 0

 195, 75, 156

 195, 56, 150

 195, 75, 156

 195, 95, 162

■ 195, 36, 143

■ 195, 114, 169

■ 195, 17, 137

■ 195, 134, 175

■ 195, 0, 132

■ 195, 153, 181

■ 195, 173, 188

■ 195, 192, 194

■ 195, 208, 212

■ 195, 222, 231

■ 195, 237, 251

Harmonies

Analogous

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



145, 99, 199



195, 75, 156



212, 67, 105

Triad

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



195, 75, 156



4, 128, 0



0, 81, 186

Complementary

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



195, 75, 156



75, 166, 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, 74, 144



195, 75, 156



34, 136, 99

Square

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



195, 75, 156



117, 172, 7



0, 89, 142



0, 84, 217

Rectangle

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



195, 75, 156



208, 76, 72



0, 89, 142



0, 78, 172

Sweetspot

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



195, 75, 156



252, 207, 238



113, 75, 195



128, 99, 118



0, 0, 0



128, 128, 128

Same Dimension

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



195, 75, 156



252, 66, 192



195, 75, 97



97, 87, 94



161, 0, 108



33, 0, 22

Inverse Universe

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



195, 75, 156



252, 66, 192



75, 141, 195



97, 87, 94



161, 0, 108



33, 0, 22

Previews

White Background



This preview shows how the RYB color 195, 75, 156 looks on a white background.

Color Contrast Check

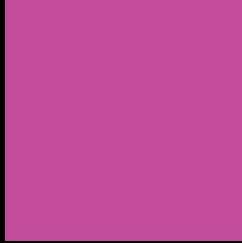
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

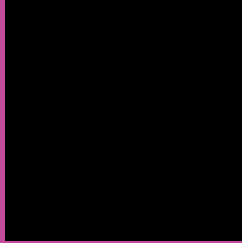
Any Text WCAG AA ✓ Pass

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, 75, 156 Background



This preview shows how black text looks on a background with the RYB color 195, 75, 156.

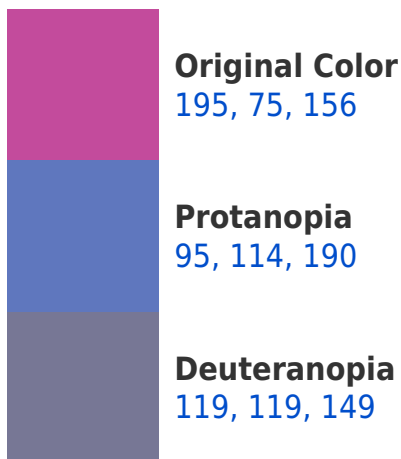



This preview shows how white text looks on a background with the RYB color 195, 75, 156.

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](#).

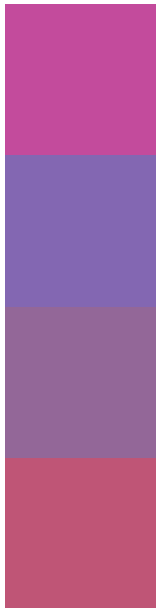
Dichromacy





Tritanopia
189, 90, 96

Trichromacy



Original Color
195, 75, 156

Protanomaly
131, 103, 178

Deuteranomaly
147, 103, 152

Tritanomaly
191, 85, 118

Monochromacy



Original Color
195, 75, 156

Achromatopsia
120, 120, 120

Achromatomaly
147, 104, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 75, 156 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, 75, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 75, 156)  
}
```

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, 75, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 75, 156) }
```

Border

The CSS property to change the border of an element to RYB 195, 75, 156 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, 75, 156) }
```

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

```
.border{ border-color:rgb(195, 75, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 75, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 75, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 75, 156); box-shadow:4px 4px 4px 4px rgb(195, 75, 156) }
```

Background

The CSS property to change the background color of an element to RYB 195, 75, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 75, 156) }
```

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

```
.background{ background-color: rgb(195, 75,  
156) }
```

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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