

Converting Colors

`RYB(201, 80, 156)`

Have a look what the booklet for
RYB(201, 80, 156) contains.

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Color

R_YB(201, 80, 156)

Conversions

Conversions Part 1

Format	Color
Hex	C9509C
RGB	201, 80, 156
RGB Percent	79%, 31%, 61%
CMY	0.2118, 0.6863, 0.3882
CMYK	0.00, 0.60, 0.22, 0.21
HSL	322°, 53%, 55%
HSV	322°, 60%, 79%
XYZ	32.9568, 20.5551, 33.6830
YIQ	124.8430, 47.7200, 49.2880

Conversions

Conversions Part 2

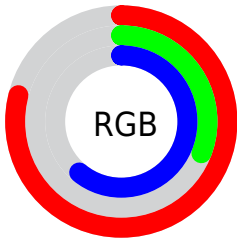
Format	Color
R_{YB}	201, 80, 156
Decimal	13193372
CIE _{Lab}	52.46, 56.19, -17.23
CIE _{LCh}	52, 58.768, 342.951
Yxy	20.5551, 0.3780, 0.2357
Android (android.graphics.Color)	4291383452 (0xFFC9509C)
YUV	124.8430, 15.3604, 66.7897
Hunter-Lab	45.3378, 50.4136, -12.3122

Details

The RYB color **201, 80, 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 **80, 168, 201**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **255, 135, 211**, and **144, 16, 105** is the 20% darker color. If you saturate the color by 10%, you get **201, 60, 149**, and if you desaturate by 10%, it is **201, 100, 163**.

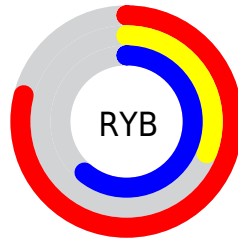
Distribution



Red (79%)

Green (31%)

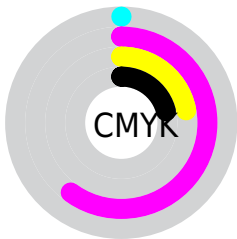
Blue (61%)



Red (79%)

Yellow (31%)

Blue (61%)

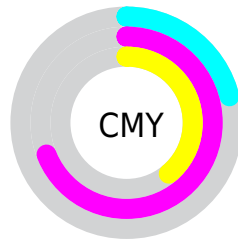


Cyan (0%)

Magenta (60%)

Yellow (22%)

Black (21%)



Cyan (21%)

Magenta (69%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 80, 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 201, 80, 156 by changing the saturation by 10% instead.



201, 80, 156



201, 80, 156

255, 255, 255



172, 52, 130



255, 135, 211



144, 16, 105



255, 163, 239



116, 0, 80



255, 191, 255



88, 0, 57



255, 220, 255



63, 0, 36



255, 250, 255



36, 0, 11



0, 0, 0



201, 80, 156



201, 80, 156



201, 60, 149



201, 100, 163

■ 201, 40, 141

■ 201, 120, 171

■ 201, 20, 134

■ 201, 140, 178

■ 201, 0, 126

■ 201, 160, 186

■ 201, 181, 193

■ 201, 201, 201

■ 201, 216, 221

■ 201, 230, 241

■ 201, 239, 255

Harmonies

Analogous

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



155, 102, 200



201, 80, 156



216, 75, 105

Triad

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



201, 80, 156



0, 130, 1



0, 83, 193

Complementary

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



201, 80, 156



80, 168, 201

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, 75, 149



201, 80, 156



45, 141, 114

Square

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



201, 80, 156



116, 173, 16



0, 90, 147



0, 85, 222

Rectangle

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



201, 80, 156



210, 85, 73



0, 90, 147



0, 81, 179

Sweetspot

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



201, 80, 156



255, 209, 238



124, 80, 201



128, 99, 117



0, 0, 0



128, 128, 128

Same Dimension

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



201, 80, 156



255, 71, 187



201, 80, 96



99, 90, 96



163, 0, 103



36, 0, 22

Inverse Universe

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



201, 80, 156



255, 71, 187



80, 145, 201



99, 90, 96



163, 0, 103



36, 0, 22

Previews

White Background



This preview shows how the RYB color 201, 80, 156 looks on a white background.

Color Contrast Check

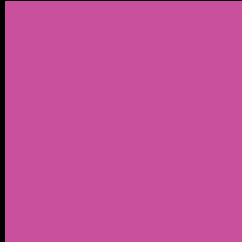
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 80, 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 201, 80, 156 Background



This preview shows how black text looks on a background with the RYB color 201, 80, 156.

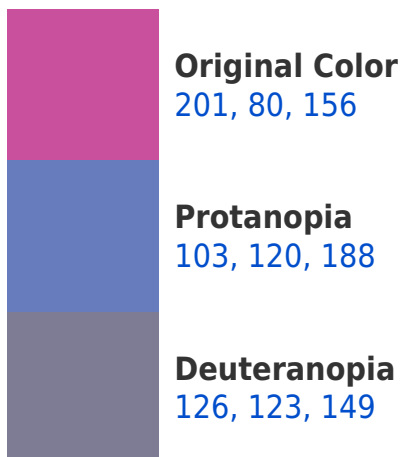


This preview shows how white text looks on a background with the RYB color 201, 80, 156.

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
196, 93, 100

Trichromacy



Original Color
201, 80, 156

Protanomaly
139, 108, 176

Deuteranomaly
153, 107, 152

Tritanomaly
198, 88, 120

Monochromacy



Original Color
201, 80, 156

Achromatopsia
125, 125, 125

Achromatomaly
153, 109, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 80, 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(201, 80, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 80, 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(201, 80, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 80, 156) }
```

Border

The CSS property to change the border of an element to RYB 201, 80, 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(201, 80, 156) }
```

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

```
.border{ border-color:rgb(201, 80, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 80, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 80, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 80, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 80,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 201, 80, 156 is called "background".

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

```
.background, #background, body{  
background: rgb(201, 80, 156) }
```

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

```
.background{ background-color: rgb(201, 80,  
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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