

Converting Colors

`RYB(201, 54, 171)`

Have a look what the booklet for
RYB(201, 54, 171) contains.

RYB(201, 54, 171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(201, 54, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C936AB
RGB	201, 54, 171
RGB Percent	79%, 21%, 67%
CMY	0.2118, 0.7882, 0.3294
CMYK	0.00, 0.73, 0.15, 0.21
HSL	312°, 58%, 50%
HSV	312°, 73%, 79%
XYZ	32.7572, 17.9961, 40.2752
YIQ	111.2910, 50.0550, 67.5510

Conversions

Conversions Part 2

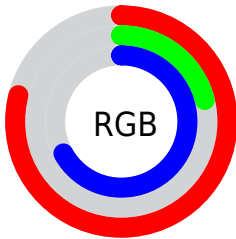
Format	Color
R_{YB}	201, 54, 171
Decimal	13186731
CIE Lab	49.49, 68.27, -30.65
CIE LCh	49, 74.833, 335.821
Yxy	17.9961, 0.3599, 0.1977
Android (android.graphics.Color)	4291376811 (0xFFC936AB)
YUV	111.2910, 29.4365, 78.6748
Hunter-Lab	42.4218, 63.5958, -26.5945

Details

The RYB color **201, 54, 171** 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 **54, 176, 201**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **255, 114, 227**, and **143, 0, 118** is the 20% darker color. If you saturate the color by 10%, you get **201, 34, 167**, and if you desaturate by 10%, it is **201, 74, 175**.

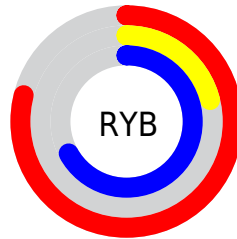
Distribution



Red (79%)

Green (21%)

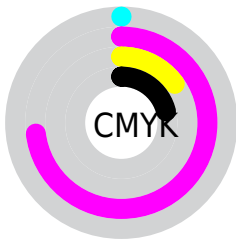
Blue (67%)



Red (79%)

Yellow (21%)

Blue (67%)

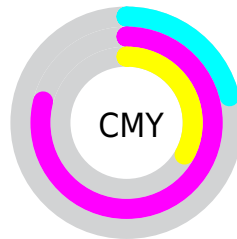


Cyan (0%)

Magenta (73%)

Yellow (15%)

Black (21%)



Cyan (21%)


Magenta (79%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 54, 171 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, 54, 171 by changing the saturation by 10% instead.

 201, 54, 171

 201, 54, 171

255, 255, 255

 172, 9, 144

 255, 114, 227

 143, 0, 118

 255, 143, 255

 115, 0, 93


 255, 172, 255

 87, 0, 69


 255, 201, 255


 62, 0, 47


 255, 230, 255


 31, 0, 25

 0, 0, 0

 201, 54, 171

 201, 54, 171

 201, 34, 167

 201, 74, 175

■ 201, 14, 163

■ 201, 94, 179

■ 201, 0, 160

■ 201, 114, 183

■ 201, 134, 187

■ 201, 155, 192

■ 201, 175, 196

■ 201, 195, 200

■ 201, 213, 215

■ 201, 229, 235

Harmonies

Analogous

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



130, 94, 222



201, 54, 171



226, 25, 108

Triad

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



201, 54, 171



14, 132, 0



0, 82, 191

Complementary

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



201, 54, 171



54, 176, 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, 77, 145



201, 54, 171



0, 134, 72

Square

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



201, 54, 171



173, 183, 0



0, 99, 142



0, 87, 234

Rectangle

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



201, 54, 171



223, 44, 67



0, 99, 142



0, 79, 172

Sweetspot

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



201, 54, 171



255, 199, 244



83, 54, 201



128, 94, 121



0, 0, 0



128, 128, 128

Same Dimension

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



201, 54, 171



255, 31, 209



201, 54, 98



99, 90, 97



163, 0, 130



36, 0, 28

Inverse Universe

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



201, 54, 171



255, 31, 209



54, 140, 201



99, 90, 97



163, 0, 130



36, 0, 28

Previews

White Background



This preview shows how the RYB color 201, 54, 171 looks on a white background.

Color Contrast Check

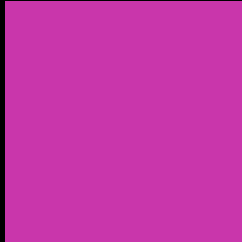
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 201, 54, 171 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, 54, 171 Background



This preview shows how black text looks on a background with the RYB color 201, 54, 171.

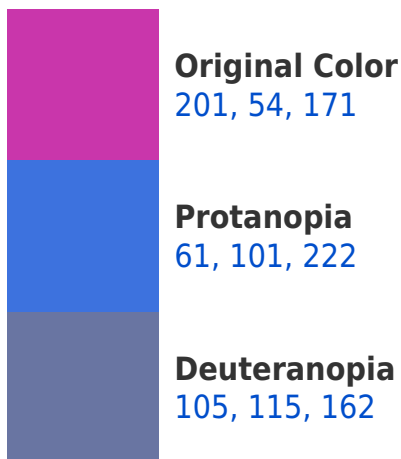


This preview shows how white text looks on a background with the RYB color 201, 54, 171.

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
193, 81, 87

Trichromacy



Original Color

201, 54, 171



Protanomaly

112, 93, 203



Deuteranomaly

140, 94, 165



Tritanomaly

196, 71, 118

Monochromacy



Original Color

201, 54, 171



Achromatopsia

111, 111, 111



Achromatomaly

144, 90, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 54, 171 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, 54, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 54, 171)  
}
```

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, 54, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 54, 171) }
```

Border

The CSS property to change the border of an element to RYB 201, 54, 171 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, 54, 171) }
```

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

```
.border{ border-color:rgb(201, 54, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 54, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 54, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 54, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 54,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 201, 54, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 54, 171) }
```

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

```
.background{ background-color: rgb(201, 54,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor