

Converting Colors

`RYB(192, 54, 135)`

Have a look what the booklet for
RYB(192, 54, 135) contains.

RYB(192, 54, 135)	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(192, 54, 135)

Conversions

Conversions Part 1

Format	Color
Hex	C03687
RGB	192, 54, 135
RGB Percent	75%, 21%, 53%
CMY	0.2471, 0.7882, 0.4706
CMYK	0.00, 0.72, 0.30, 0.25
HSL	325°, 56%, 48%
HSV	325°, 72%, 75%
XYZ	27.4306, 15.5941, 24.4859
YIQ	104.4960, 56.2470, 54.4470

Conversions

Conversions Part 2

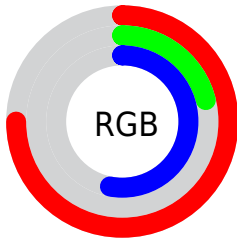
Format	Color
R_{YB}	192, 54, 135
Decimal	12596871
CIE _{Lab}	46.44, 61.30, -13.97
CIE _{LCh}	46, 62.868, 347.159
Yxy	15.5941, 0.4063, 0.2310
Android (android.graphics.Color)	4290786951 (0xFFC03687)
YUV	104.4960, 15.0385, 76.7410
Hunter-Lab	39.4893, 54.8856, -9.1210

Details

The RYB color **192, 54, 135** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **54, 152, 192**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **252, 112, 188**, and **134, 0, 85** is the 20% darker color. If you saturate the color by 10%, you get **192, 35, 127**, and if you desaturate by 10%, it is **192, 73, 143**.

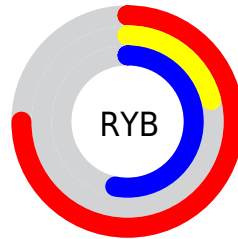
Distribution



Red (75%)

Green (21%)

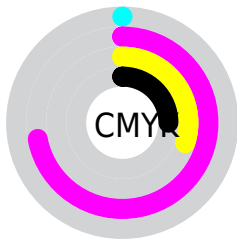
Blue (53%)



Red (75%)

Yellow (21%)

Blue (53%)

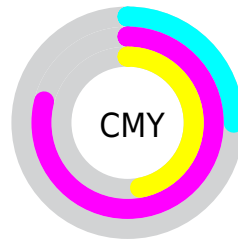


Cyan (0%)

Magenta (72%)

Yellow (30%)

Black (25%)



Cyan (25%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 54, 135 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 192, 54, 135 by changing the saturation by 10% instead.

 192, 54, 135

255, 255, 255

 252, 112, 188

 255, 140, 216

 255, 169, 245

 255, 197, 255

 255, 227, 255

 192, 54, 135

 163, 15, 110

 134, 0, 85

 106, 0, 62

 78, 0, 40

 52, 0, 19

 7, 0, 0

 0, 0, 0

 192, 54, 135

 192, 35, 127

 192, 54, 135

 192, 73, 143

■ 192, 16, 119

■ 192, 92, 151

■ 192, 0, 113

■ 192, 112, 159

■ 192, 131, 167

■ 192, 150, 175

■ 192, 169, 183

■ 192, 188, 191

■ 192, 204, 208

■ 192, 217, 227

Harmonies

Analogous

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



149, 80, 183



192, 54, 135



202, 51, 82

Triad

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



192, 54, 135



0, 117, 12



0, 77, 187

Complementary

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



192, 54, 135



54, 152, 192

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, 68, 140



192, 54, 135



29, 127, 123

Square

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



192, 54, 135



81, 152, 0



0, 80, 132



0, 78, 214

Rectangle

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



192, 54, 135



194, 68, 49



0, 80, 132



0, 75, 173

Sweetspot

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



192, 54, 135



250, 195, 227



109, 54, 192



125, 92, 112



252, 252, 252



125, 125, 125

Same Dimension

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



192, 54, 135



250, 35, 161



192, 54, 68



97, 87, 93



161, 0, 94



33, 0, 19

Inverse Universe

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



192, 54, 135



250, 35, 161



54, 127, 192



97, 87, 93



161, 0, 94



33, 0, 19

Previews

White Background



This preview shows how the RYB color 192, 54, 135 looks on a white background.

Color Contrast Check

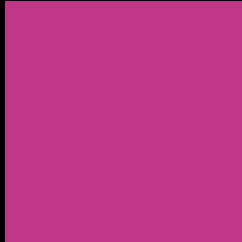
Large Text (above 18pt) WCAG AA ✓ Pass

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 192, 54, 135 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 192, 54, 135 Background



This preview shows how black text looks on a background with the RYP color 192, 54, 135.



This preview shows how white text looks on a background with the RYP color 192, 54, 135.

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



Original Color
192, 54, 135

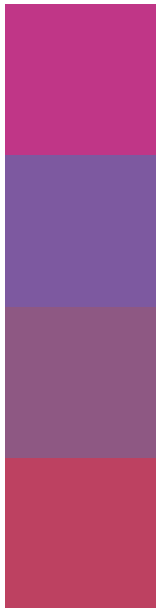
Protanopia
86, 104, 175

Deuteranopia
114, 108, 128



Tritanopia
187, 71, 75

Trichromacy



Original Color

192, 54, 135

Protanomaly

125, 89, 160

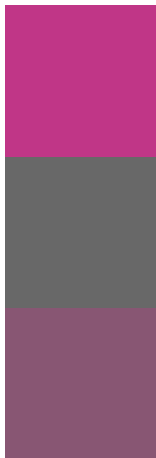
Deuteranomaly

142, 88, 131

Tritanomaly

189, 65, 97

Monochromacy



Original Color

192, 54, 135

Achromatopsia

104, 104, 104

Achromatomaly

136, 86, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 54, 135 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(192, 54, 135)` looks like.

```
.text, #text, p{  
    color:rgb(192, 54, 135)  
}
```

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(192, 54, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 54, 135) }
```

Border

The CSS property to change the border of an element to RYB 192, 54, 135 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(192, 54, 135) }
```

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

```
.border{ border-color:rgb(192, 54, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 54, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 54, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 54, 135); box-shadow:4px 4px 4px 4px rgb(192, 54, 135) }
```

Background

The CSS property to change the background color of an element to RGB 192, 54, 135 is called "background".

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

```
.background, #background, body{  
background: rgb(192, 54, 135) }
```

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

```
.background{ background-color: rgb(192, 54,  
135) }
```

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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