

Converting Colors

`RYB(243, 49, 202)`

Have a look what the booklet for RYB(243, 49, 202) contains.

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Color

R_YB(243, 49, 202)

Conversions

Conversions Part 1

Format	Color
Hex	F331CA
RGB	243, 49, 202
RGB Percent	95%, 19%, 79%
CMY	0.0471, 0.8078, 0.2078
CMYK	0.00, 0.80, 0.17, 0.05
HSL	313°, 89%, 57%
HSV	313°, 80%, 95%
XYZ	48.7211, 25.5156, 58.2342
YIQ	124.4480, 66.5110, 88.7110

Conversions

Conversions Part 2

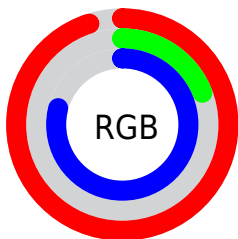
Format	Color
R _Y B	243, 49, 202
Decimal	15937994
CIE _{Lab}	57.57, 83.03, -35.49
CIE _{LCh}	58, 90.293, 336.854
Yxy	25.5156, 0.3678, 0.1926
Android (android.graphics.Color)	4294128074 (0xFFFF331CA)
YUV	124.4480, 38.2331, 103.9701
Hunter-Lab	50.5129, 83.7705, -32.9938

Details

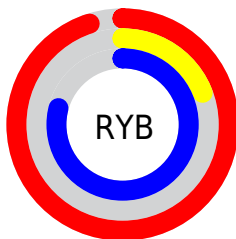
The RYB color **243, 49, 202** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **49, 209, 243**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **255, 118, 255**, and **182, 0, 147** is the 20% darker color. If you saturate the color by 10%, you get **243, 25, 197**, and if you desaturate by 10%, it is **243, 73, 207**.

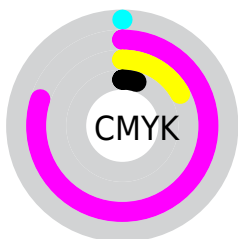
Distribution



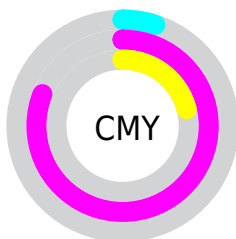
- Red (95%)
- Green (19%)
- Blue (79%)



- Red (95%)
- Yellow (19%)
- Blue (79%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (5%)




- Cyan (5%)
- Magenta (81%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 49, 202 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 243, 49, 202 by changing the saturation by 10% instead.

 243, 49, 202

255, 255, 255

 255, 118, 255

 255, 148, 255

 255, 178, 255

 255, 209, 255

 255, 239, 255

 243, 49, 202

 212, 0, 174

 182, 0, 147

 152, 0, 121

 123, 0, 96

 94, 0, 72

 67, 0, 49

 37, 0, 27

 0, 0, 0

 243, 49, 202

 243, 49, 202

■ 243, 25, 197

■ 243, 73, 207

■ 243, 0, 192

■ 243, 98, 212

■ 243, 122, 217

■ 243, 146, 223

■ 243, 170, 228

■ 243, 195, 233

■ 243, 219, 238

■ 243, 243, 243

■ 243, 251, 255

Harmonies

Analogous

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



156, 107, 255



243, 49, 202



255, 0, 124

Triad

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



243, 49, 202



12, 152, 0



0, 98, 232

Complementary

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



243, 49, 202



49, 209, 243

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, 90, 171



243, 49, 202



0, 159, 99

Square

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



243, 49, 202



205, 215, 0



0, 117, 167



0, 99, 255

Rectangle

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



243, 49, 202



255, 37, 73



0, 117, 167



0, 94, 208

Sweetspot

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



243, 49, 202



255, 194, 242



88, 49, 243



128, 91, 120



0, 0, 0



128, 128, 128

Same Dimension

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



243, 49, 202



255, 10, 203



243, 49, 107



122, 110, 120



186, 0, 147



59, 0, 46

Inverse Universe

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



243, 49, 202



255, 10, 203



49, 163, 243



122, 110, 120



186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RYB color 243, 49, 202 looks on a white background.

Color Contrast Check

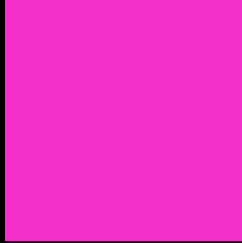
Large Text (above 18pt) WCAG AA ✓ Pass

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 243, 49, 202 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](#).

R_YB 243, 49, 202 Background



This preview shows how black text looks on a background with the R_YB color 243, 49, 202.

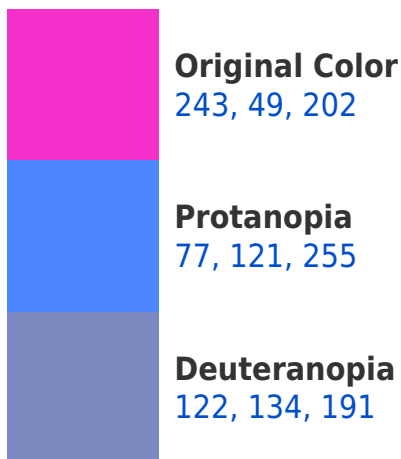


This preview shows how white text looks on a background with the R_YB color 243, 49, 202.

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
233, 89, 95

Trichromacy



Original Color

243, 49, 202



Protanomaly

137, 104, 236



Deuteranomaly

166, 105, 195



Tritanomaly

237, 74, 134

Monochromacy



Original Color

243, 49, 202



Achromatopsia

124, 124, 124



Achromatomaly

167, 97, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 49, 202 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(243, 49, 202)` looks like.

```
.text, #text, p{  
    color:rgb(243, 49, 202)  
}
```

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(243, 49, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 49, 202) }
```

Border

The CSS property to change the border of an element to RYB 243, 49, 202 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(243, 49, 202) }
```

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

```
.border{ border-color:rgb(243, 49, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 49, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 49, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 49, 202);  
box-shadow:4px 4px 4px 4px rgb(243, 49,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 243, 49, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 49, 202) }
```

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

```
.background{ background-color: rgb(243, 49,  
202) }
```

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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