

Converting Colors

`RYB(239, 25, 195)`

Have a look what the booklet for RYB(239, 25, 195) contains.

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Color

R_YB(239, 25, 195)

Conversions

Conversions Part 1

Format	Color
Hex	EF19C3
RGB	239, 25, 195
RGB Percent	94%, 10%, 76%
CMY	0.0627, 0.9020, 0.2353
CMYK	0.00, 0.90, 0.18, 0.06
HSL	312°, 87%, 52%
HSV	312°, 90%, 94%
XYZ	45.7946, 22.9861, 53.6529
YIQ	108.3660, 72.9740, 98.2380

Conversions

Conversions Part 2

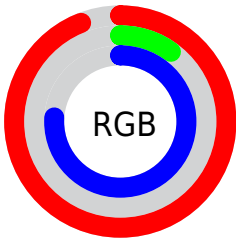
Format	Color
R _Y B	239, 25, 195
Decimal	15669699
CIE Lab	55.06, 85.69, -35.46
CIE LCh	55, 92.739, 337.522
Yxy	22.9861, 0.3740, 0.1877
Android (android.graphics.Color)	4293859779 (0xFFEF19C3)
YUV	108.3660, 42.7106, 114.5660
Hunter-Lab	47.9438, 86.5963, -32.7894

Details

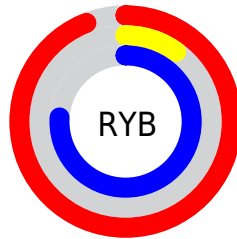
The RYB color **239, 25, 195** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **25, 203, 239**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **255, 105, 252**, and **178, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **239, 1, 190**, and if you desaturate by 10%, it is **239, 49, 200**.

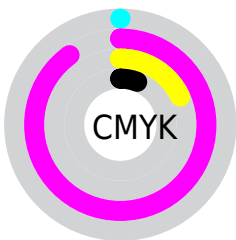
Distribution



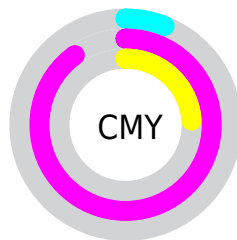
- Red (94%)
- Green (10%)
- Blue (76%)



- Red (94%)
- Yellow (10%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (90%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 25, 195 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 239, 25, 195 by changing the saturation by 10% instead.



239, 25, 195



239, 25, 195

255, 255, 255



208, 0, 168



255, 105, 252



178, 0, 141



255, 137, 255



148, 0, 115



255, 167, 255



119, 0, 90



255, 198, 255



90, 0, 66



255, 228, 255



62, 0, 43



31, 0, 21



0, 0, 0



239, 25, 195



239, 25, 195

 239, 1, 190

 239, 49, 200

 239, 0, 190

 239, 73, 205

 239, 97, 210

 239, 121, 215

 239, 144, 220

 239, 168, 224

 239, 192, 229

 239, 216, 234

 239, 240, 240

Harmonies

Analogous

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



151, 98, 255



239, 25, 195



255, 0, 116

Triad

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



239, 25, 195



8, 143, 0



0, 96, 229

Complementary

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



239, 25, 195



25, 203, 239

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, 85, 164



239, 25, 195



0, 153, 111

Square

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



239, 25, 195



205, 207, 0



0, 115, 161



0, 97, 255

Rectangle

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



239, 25, 195



255, 6, 64



0, 115, 161



0, 91, 205

Sweetspot

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



239, 25, 195



255, 186, 241



68, 25, 239



128, 87, 119



0, 0, 0



128, 128, 128

Same Dimension

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



239, 25, 195



255, 0, 203



239, 25, 89



120, 108, 117



184, 0, 146



56, 0, 45

Inverse Universe

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



239, 25, 195



255, 0, 203



25, 151, 239



120, 108, 117



184, 0, 146



56, 0, 45

Previews

White Background



This preview shows how the RYB color 239, 25, 195 looks on a white background.

Color Contrast Check

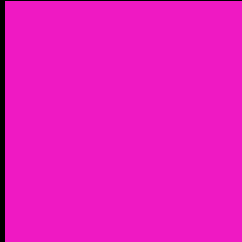
Large Text (above 18pt) WCAG AA ✓ Pass

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 239, 25, 195 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](#).

RGB 239, 25, 195 Background



This preview shows how black text looks on a background with the RGB color 239, 25, 195.

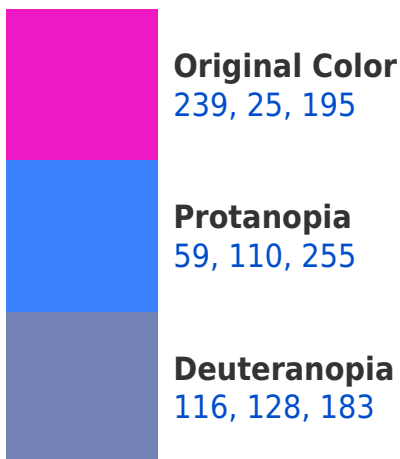


This preview shows how white text looks on a background with the RGB color 239, 25, 195.

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
230, 79, 84

Trichromacy



Original Color

239, 25, 195



Protanomaly

124, 91, 233



Deuteranomaly

161, 92, 187



Tritanomaly

233, 59, 124

Monochromacy



Original Color

239, 25, 195



Achromatopsia

108, 108, 108



Achromatomaly

156, 78, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 25, 195 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(239, 25, 195)` looks like.

```
.text, #text, p{  
    color:rgb(239, 25, 195)  
}
```

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(239, 25, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 25, 195) }
```

Border

The CSS property to change the border of an element to RYB 239, 25, 195 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(239, 25, 195) }
```

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

```
.border{ border-color:rgb(239, 25, 195) }
```

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

Here you see how a box with a 4 pixel rgb(239, 25, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 25, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 25, 195);  
box-shadow:4px 4px 4px 4px rgb(239, 25,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 239, 25, 195 is called "background".

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

```
.background, #background, body{  
background: rgb(239, 25, 195) }
```

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

```
.background{ background-color: rgb(239, 25,  
195) }
```

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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