

Converting Colors

`RYB(207, 39, 200)`

Have a look what the booklet for
RYB(207, 39, 200) contains.

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Color

R_YB(207, 39, 200)

Conversions

Conversions Part 1

Format	Color
Hex	CF27C8
RGB	207, 39, 200
RGB Percent	81%, 15%, 78%
CMY	0.1882, 0.8471, 0.2157
CMYK	0.00, 0.81, 0.03, 0.19
HSL	302°, 68%, 48%
HSV	302°, 81%, 81%
XYZ	36.8830, 18.8866, 56.3451
YIQ	107.5860, 48.4470, 85.6870

Conversions

Conversions Part 2

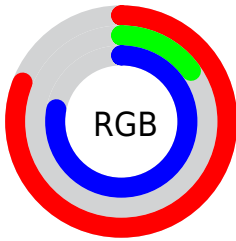
Format	Color
R_{YB}	207, 39, 200
Decimal	13576136
CIE _{Lab}	50.55, 77.83, -45.82
CIE _{LCh}	51, 90.312, 329.512
Yxy	18.8866, 0.3290, 0.1685
Android (android.graphics.Color)	4291766216 (0xFFCF27C8)
YUV	107.5860, 45.5601, 87.1861
Hunter-Lab	43.4587, 75.4386, -46.4497

Details

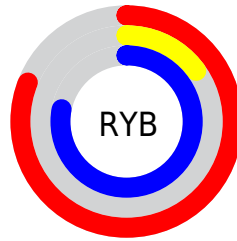
The RYB color **207, 39, 200** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **39, 200, 207**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **255, 107, 255**, and **148, 0, 145** is the 20% darker color. If you saturate the color by 10%, you get **207, 18, 199**, and if you desaturate by 10%, it is **207, 60, 201**.

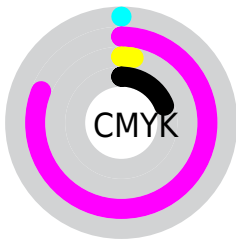
Distribution



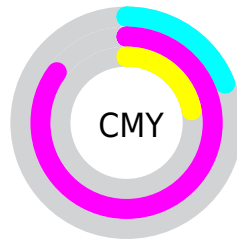
- Red (81%)
- Green (15%)
- Blue (78%)



- Red (81%)
- Yellow (15%)
- Blue (78%)



- Cyan (0%)
- Magenta (81%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 39, 200 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 207, 39, 200 by changing the saturation by 10% instead.

 207, 39, 200

 207, 39, 200


255, 255, 255

 177, 0, 172


 255, 107, 255

 148, 0, 145

 255, 136, 255

 119, 0, 119

 255, 166, 255

 91, 0, 94

 255, 195, 255

 65, 0, 70

 255, 225, 255

 35, 0, 46

 0, 1, 24

 0, 0, 0

 207, 39, 200

 207, 39, 200

■ 207, 18, 199

■ 207, 60, 201

■ 207, 0, 198

■ 207, 80, 202

■ 207, 101, 203

■ 207, 122, 203

■ 207, 143, 204

■ 207, 163, 205

■ 207, 184, 206

■ 207, 205, 207

■ 207, 224, 225

Harmonies

Analogous

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



96, 100, 255



207, 39, 200



247, 0, 125

Triad

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



207, 39, 200



39, 148, 0



0, 85, 195

Complementary

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



207, 39, 200



39, 200, 207

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, 84, 150



207, 39, 200



0, 137, 69

Square

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



207, 39, 200



205, 134, 0



0, 122, 146



0, 93, 254

Rectangle

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



207, 39, 200



248, 0, 75



0, 122, 146



0, 80, 170

Sweetspot

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



207, 39, 200



255, 194, 252



45, 39, 207



128, 91, 126



0, 0, 0



128, 128, 128

Same Dimension

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



207, 39, 200



255, 8, 245



207, 39, 117



105, 94, 104



168, 0, 161



41, 0, 39

Inverse Universe

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



207, 39, 200



255, 8, 245



39, 148, 207



105, 94, 104



168, 0, 161



41, 0, 39

Previews

White Background



This preview shows how the RYB color 207, 39, 200 looks on a white background.

Color Contrast Check

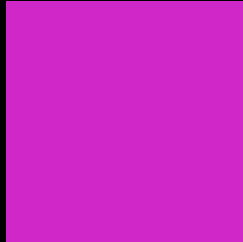
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 39, 200 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 207, 39, 200 Background



This preview shows how black text looks on a background with the RYB color 207, 39, 200.

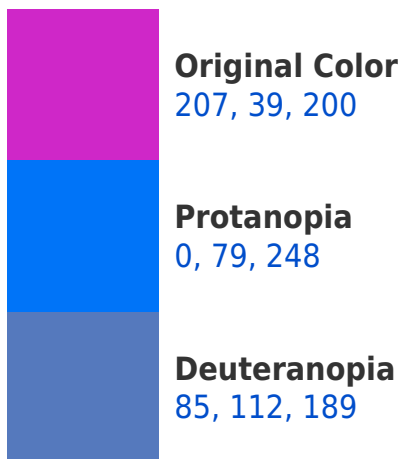


This preview shows how white text looks on a background with the RYB color 207, 39, 200.

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
195, 85, 90

Trichromacy



Original Color

207, 39, 200



Protanomaly

75, 88, 231



Deuteranomaly

129, 91, 193



Tritanomaly

199, 68, 130

Monochromacy



Original Color

207, 39, 200



Achromatopsia

108, 108, 108



Achromatomaly

144, 83, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 39, 200 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(207, 39, 200)` looks like.

```
.text, #text, p{  
    color:rgb(207, 39, 200)  
}
```

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(207, 39, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 39, 200) }
```

Border

The CSS property to change the border of an element to RYB 207, 39, 200 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(207, 39, 200) }
```

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

```
.border{ border-color:rgb(207, 39, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 39, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 39, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 39, 200);  
box-shadow:4px 4px 4px 4px rgb(207, 39,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 207, 39, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 39, 200) }
```

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

```
.background{ background-color: rgb(207, 39,  
200) }
```

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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