

Converting Colors

`RYB(201, 63, 164)`

Have a look what the booklet for
RYB(201, 63, 164) contains.

RYB(201, 63, 164)	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, 63, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C93FA4
RGB	201, 63, 164
RGB Percent	79%, 25%, 64%
CMY	0.2118, 0.7529, 0.3569
CMYK	0.00, 0.69, 0.18, 0.21
HSL	316°, 56%, 52%
HSV	316°, 69%, 79%
XYZ	32.5657, 18.6529, 37.0059
YIQ	115.7760, 49.8270, 60.6670

Conversions

Conversions Part 2

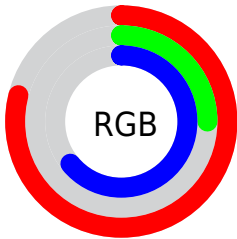
Format	Color
R_{YB}	201, 63, 164
Decimal	13189028
CIE _{Lab}	50.28, 64.19, -25.30
CIE _{LCh}	50, 68.996, 338.489
Yxy	18.6529, 0.3691, 0.2114
Android (android.graphics.Color)	4291379108 (0xFFC93FA4)
YUV	115.7760, 23.7744, 74.7414
Hunter-Lab	43.1890, 59.0136, -20.5696

Details

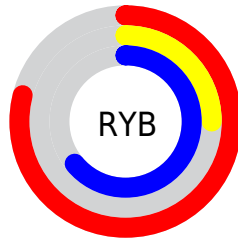
The RYB color **201, 63, 164** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **63, 172, 201**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **255, 121, 219**, and **143, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **201, 43, 159**, and if you desaturate by 10%, it is **201, 83, 169**.

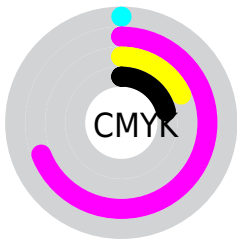
Distribution



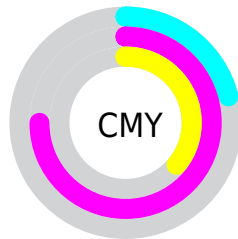
- Red (79%)
- Green (25%)
- Blue (64%)



- Red (79%)
- Yellow (25%)
- Blue (64%)



- Cyan (0%)
- Magenta (69%)
- Yellow (18%)
- Black (21%)




- Cyan (21%)
- Magenta (75%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 63, 164 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, 63, 164 by changing the saturation by 10% instead.

 201, 63, 164

255, 255, 255


 255, 121, 219

 255, 149, 248

 255, 178, 255

 255, 207, 255

 255, 236, 255

 201, 63, 164

 172, 28, 138

 143, 0, 112


 115, 0, 87


 87, 0, 64

 63, 0, 42


 32, 0, 19

 0, 0, 0

 201, 63, 164

 201, 43, 159

 201, 63, 164

 201, 83, 169

■ 201, 23, 153

■ 201, 103, 175

■ 201, 3, 148

■ 201, 123, 180

■ 201, 0, 147

■ 201, 143, 186

■ 201, 164, 191

■ 201, 184, 196

■ 201, 203, 204

■ 201, 219, 224

■ 201, 235, 244

Harmonies

Analogous

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



141, 95, 213



201, 63, 164



222, 48, 106

Triad

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



201, 63, 164



7, 130, 0



0, 82, 192

Complementary

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



201, 63, 164



63, 172, 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, 75, 145



201, 63, 164



0, 136, 72

Square

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



201, 63, 164



136, 178, 0



0, 94, 143



0, 86, 229

Rectangle

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



201, 63, 164



218, 61, 68



0, 94, 143



0, 79, 174

Sweetspot

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



201, 63, 164



255, 201, 241



100, 63, 201



128, 96, 119



0, 0, 0



128, 128, 128

Same Dimension

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



201, 63, 164



255, 46, 199



201, 63, 95



99, 90, 97



163, 0, 119



36, 0, 26

Inverse Universe

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



201, 63, 164



255, 46, 199



63, 141, 201



99, 90, 97



163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RYB color 201, 63, 164 looks on a white background.

Color Contrast Check

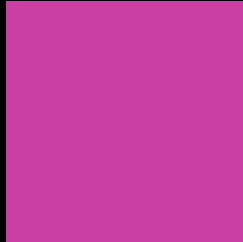
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 63, 164 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, 63, 164 Background



This preview shows how black text looks on a background with the RYB color 201, 63, 164.

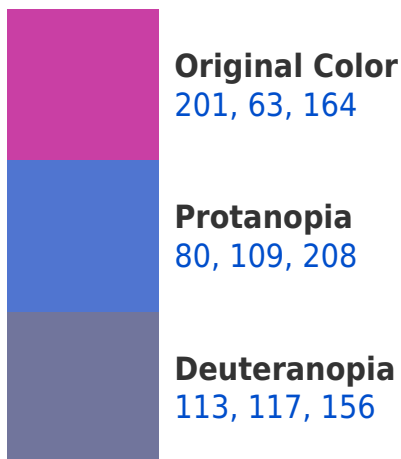


This preview shows how white text looks on a background with the RYB color 201, 63, 164.

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
194, 84, 90

Trichromacy



Original Color

201, 63, 164



Protanomaly

124, 97, 192



Deuteranomaly

145, 98, 159



Tritanomaly

197, 76, 117

Monochromacy



Original Color

201, 63, 164



Achromatopsia

116, 116, 116



Achromatomaly

147, 97, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 63, 164 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, 63, 164) looks like.

```
.text, #text, p{  
    color:rgb(201, 63, 164)  
}
```

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, 63, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 63, 164) }
```

Border

The CSS property to change the border of an element to RYB 201, 63, 164 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, 63, 164) }
```

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

```
.border{ border-color:rgb(201, 63, 164) }
```

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

Here you see how a box with a 4 pixel rgb(201, 63, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 63, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 63, 164);  
box-shadow:4px 4px 4px 4px rgb(201, 63,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 201, 63, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 63, 164) }
```

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

```
.background{ background-color: rgb(201, 63,  
164) }
```

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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