

Converting Colors

`RYB(201, 3, 148)`

Have a look what the booklet for
RYB(201, 3, 148) contains.

RYB(201, 3, 148)	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, 3, 148)

Conversions

Conversions Part 1

Format	Color
Hex	C90394
RGB	201, 3, 148
RGB Percent	79%, 1%, 58%
CMY	0.2118, 0.9882, 0.4196
CMYK	0.00, 0.99, 0.26, 0.21
HSL	316°, 97%, 40%
HSV	316°, 99%, 79%
XYZ	29.4653, 14.6208, 29.2861
YIQ	78.7320, 71.4630, 87.0710

Conversions

Conversions Part 2

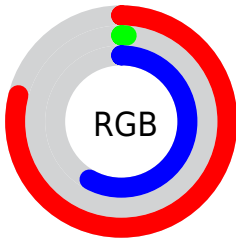
Format	Color
R_{YB}	201, 3, 148
Decimal	13173652
CIE _{Lab}	45.11, 74.99, -23.74
CIE _{LCh}	45, 78.659, 342.435
Yxy	14.6208, 0.4016, 0.1993
Android (android.graphics.Color)	4291363732 (0xFFC90394)
YUV	78.7320, 34.1491, 107.2290
Hunter-Lab	38.2371, 70.6360, -18.6447

Details

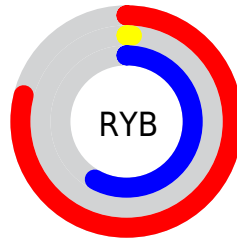
The RYB color **201, 3, 148** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **3, 159, 201**, and the grayscale version is **78, 78, 78**.

A 20% lighter version of the original color is **255, 90, 202**, and **142, 0, 97** is the 20% darker color. If you saturate the color by 10%, you get **201, 0, 147**, and if you desaturate by 10%, it is **201, 23, 153**.

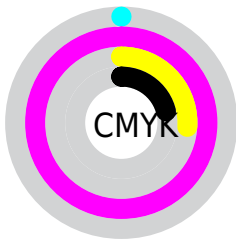
Distribution



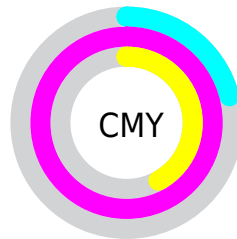
- Red (79%)
- Green (1%)
- Blue (58%)



- Red (79%)
- Yellow (1%)
- Blue (58%)



- Cyan (0%)
- Magenta (99%)
- Yellow (26%)
- Black (21%)



- Cyan (21%)
- Magenta (99%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 3, 148 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, 3, 148 by changing the saturation by 10% instead.



201, 3, 148



201, 3, 148

255, 255, 255



171, 0, 122



255, 90, 202



142, 0, 97



255, 120, 230



113, 0, 73



255, 150, 255



84, 0, 50



255, 179, 255



57, 0, 29



255, 209, 255



23, 0, 0



255, 239, 255



0, 0, 0



201, 3, 148



201, 3, 148



201, 0, 147



201, 23, 153

■ 201, 43, 159

■ 201, 63, 164

■ 201, 83, 170

■ 201, 104, 175

■ 201, 124, 180

■ 201, 144, 186

■ 201, 164, 191

■ 201, 184, 196

Harmonies

Analogous

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



139, 72, 205



201, 3, 148



218, 0, 83

Triad

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



201, 3, 148



0, 113, 7



0, 79, 195

Complementary

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



201, 3, 148



3, 159, 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, 67, 134



201, 3, 148



0, 125, 125

Square

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



201, 3, 148



130, 161, 0



0, 88, 131



0, 81, 234

Rectangle

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



201, 3, 148



210, 28, 40



0, 88, 131



0, 76, 176

Sweetspot

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



201, 3, 148



255, 179, 235



56, 3, 201



128, 82, 115



0, 0, 0



128, 128, 128

Same Dimension

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



201, 3, 148



255, 0, 187



201, 3, 49



99, 90, 97



163, 0, 120



36, 0, 26

Inverse Universe

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



201, 3, 148



255, 0, 187



3, 115, 201



99, 90, 97



163, 0, 120



36, 0, 26

Previews

White Background



This preview shows how the RYB color 201, 3, 148 looks on a white background.

Color Contrast Check

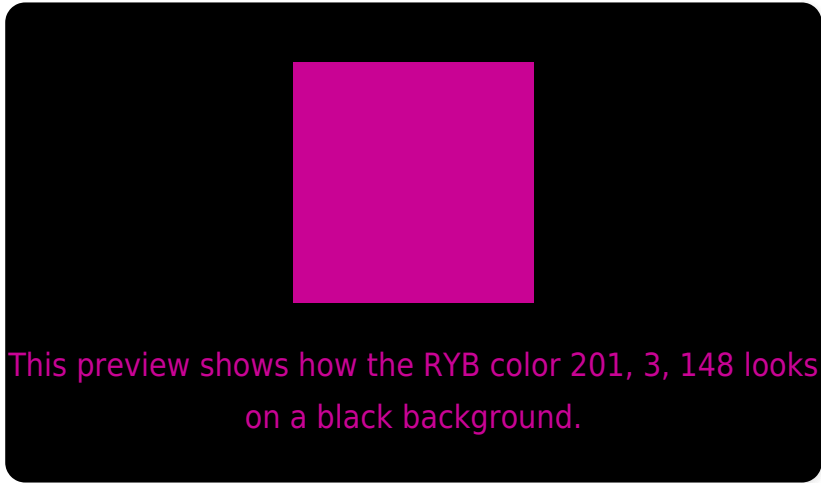
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

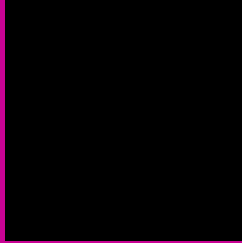
Any Text WCAG AA × Fail

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](#).

R Y B 201, 3, 148 Background



This preview shows how black text looks on a background with the R Y B color 201, 3, 148.

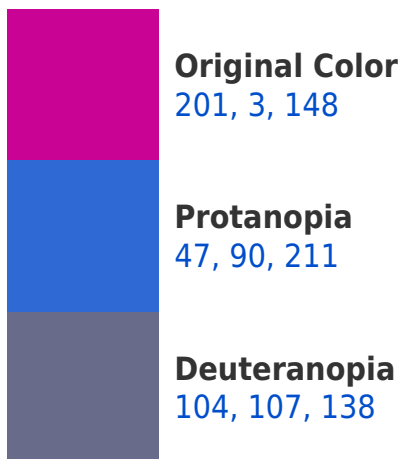


This preview shows how white text looks on a background with the R Y B color 201, 3, 148.

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, 58, 61

Trichromacy



Original Color

201, 3, 148



Protanomaly

103, 68, 188



Deuteranomaly

139, 69, 142



Tritanomaly

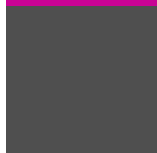
197, 38, 93

Monochromacy



Original Color

201, 3, 148



Achromatopsia

79, 79, 79



Achromatomaly

123, 51, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 3, 148 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, 3, 148)` looks like.

```
.text, #text, p{  
    color:rgb(201, 3, 148)  
}
```

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, 3, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 3, 148) }
```

Border

The CSS property to change the border of an element to RYB 201, 3, 148 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, 3, 148) }
```

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

```
.border{ border-color:rgb(201, 3, 148) }
```

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

Here you see how a box with a 4 pixel rgb(201, 3, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 3, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 3, 148);  
box-shadow:4px 4px 4px 4px rgb(201, 3,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 201, 3, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 3, 148) }
```

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

```
.background{ background-color: rgb(201, 3,  
148) }
```

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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