

Converting Colors

`RYB(214, 75, 187)`

Have a look what the booklet for
RYB(214, 75, 187) contains.

RYB(214, 75, 187)	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

`RYB(214, 75, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	D64BBB
RGB	214, 75, 187
RGB Percent	84%, 29%, 73%
CMY	0.1608, 0.7059, 0.2667
CMYK	0.00, 0.65, 0.13, 0.16
HSL	312°, 63%, 57%
HSV	312°, 65%, 84%
XYZ	39.2173, 22.9162, 49.3700
YIQ	129.3290, 46.8920, 64.3000

Conversions

Conversions Part 2

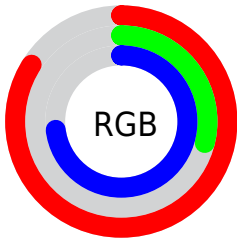
Format	Color
RYB	214, 75, 187
Decimal	14044091
CIELab	54.99, 66.26, -31.26
CIELCh	55, 73.264, 334.743
Yxy	22.9162, 0.3517, 0.2055
Android (android.graphics.Color)	4292234171 (0xFFD64BBB)
YUV	129.3290, 28.4318, 74.2565
Hunter-Lab	47.8708, 62.4589, -27.6372

Details

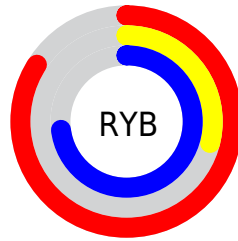
The RYB color **214, 75, 187** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **75, 191, 214**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 133, 243**, and **156, 0, 133** is the 20% darker color. If you saturate the color by 10%, you get **214, 54, 183**, and if you desaturate by 10%, it is **214, 96, 191**.

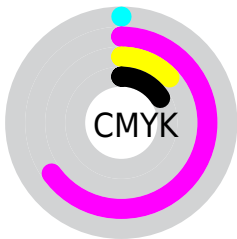
Distribution



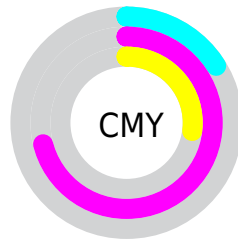
- Red (84%)
- Green (29%)
- Blue (73%)



- Red (84%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (65%)
- Yellow (13%)
- Black (16%)




- Cyan (16%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 75, 187 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 214, 75, 187 by changing the saturation by 10% instead.

 214, 75, 187

 214, 75, 187

255, 255, 255

 185, 43, 160

 255, 133, 243

 156, 0, 133

 255, 161, 255

 127, 0, 108

 255, 190, 255

 99, 0, 83

 255, 219, 255

 72, 0, 60

 255, 249, 255

 46, 0, 37

 0, 0, 13

 0, 0, 0

 214, 75, 187

 214, 75, 187

■ 214, 54, 183

■ 214, 96, 191

■ 214, 32, 179

■ 214, 118, 195

■ 214, 11, 175

■ 214, 139, 199

■ 214, 0, 172

■ 214, 161, 204

■ 214, 182, 208

■ 214, 203, 212

■ 214, 223, 225

■ 214, 241, 246

■ 214, 247, 255

Harmonies

Analogous

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



142, 110, 237



214, 75, 187



241, 55, 124

Triad

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



214, 75, 187



20, 150, 0



0, 89, 203

Complementary

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



214, 75, 187



75, 191, 214

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, 159



214, 75, 187



0, 148, 65

Square

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



214, 75, 187



174, 200, 0



0, 106, 156



0, 94, 247

Rectangle

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



214, 75, 187



240, 65, 83



0, 106, 156



0, 85, 183

Sweetspot

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



214, 75, 187



255, 207, 246



100, 75, 214



128, 98, 122



0, 0, 0



128, 128, 128

Same Dimension

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



214, 75, 187



255, 56, 216



214, 75, 119



107, 96, 105



171, 0, 138



43, 0, 35

Inverse Universe

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



214, 75, 187



255, 56, 216



75, 158, 214



107, 96, 105



171, 0, 138



43, 0, 35

Previews

White Background



This preview shows how the RYB color 214, 75, 187 looks on a white background.

Color Contrast Check

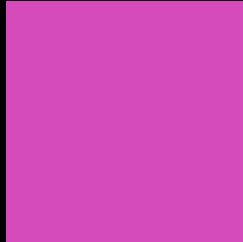
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 75, 187 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](#).

RYP 214, 75, 187 Background



This preview shows how black text looks on a background with the RYP color 214, 75, 187.

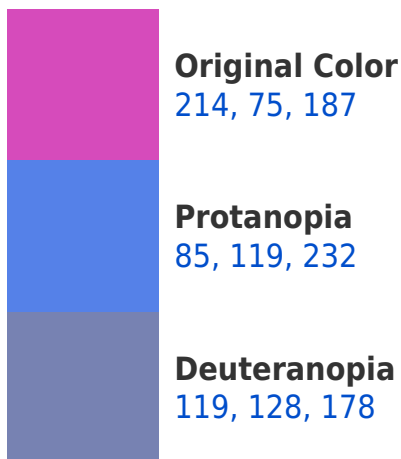


This preview shows how white text looks on a background with the RYP color 214, 75, 187.

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
206, 98, 105

Trichromacy



Original Color

214, 75, 187



Protanomaly

132, 109, 216



Deuteranomaly

154, 110, 181



Tritanomaly

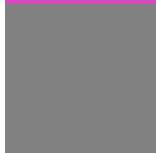
209, 90, 135

Monochromacy



Original Color

214, 75, 187



Achromatopsia

129, 129, 129



Achromatomaly

160, 109, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 75, 187 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(214, 75, 187) looks like.

```
.text, #text, p{  
    color:rgb(214, 75, 187)  
}
```

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(214, 75, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 75, 187) }
```

Border

The CSS property to change the border of an element to RYB 214, 75, 187 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(214, 75, 187) }
```

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

```
.border{ border-color:rgb(214, 75, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 75, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 75, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 75, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 75,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 214, 75, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 75, 187) }
```

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

```
.background{ background-color: rgb(214, 75,  
187) }
```

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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