

Converting Colors

`RYB(207, 84, 167)`

Have a look what the booklet for RYB(207, 84, 167) contains.

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Color

$\text{RYB}(207, 84, 167)$

Conversions

Conversions Part 1

Format	Color
Hex	CF54A7
RGB	207, 84, 167
RGB Percent	81%, 33%, 65%
CMY	0.1882, 0.6706, 0.3451
CMYK	0.00, 0.59, 0.19, 0.19
HSL	320°, 56%, 57%
HSV	320°, 59%, 81%
XYZ	35.8775, 22.3961, 38.9911
YIQ	130.2390, 46.6650, 51.8890

Conversions

Conversions Part 2

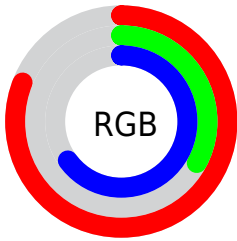
Format	Color
R _{YB}	207, 84, 167
Decimal	13587623
CIE _{Lab}	54.44, 57.71, -20.57
CIE _{LCh}	54, 61.267, 340.384
Y _{xy}	22.3961, 0.3689, 0.2303
Android (android.graphics.Color)	4291777703 (0xFFCF54A7)
Y _{UV}	130.2390, 18.1232, 67.3194
Hunter-Lab	47.3245, 52.5061, -15.7225

Details

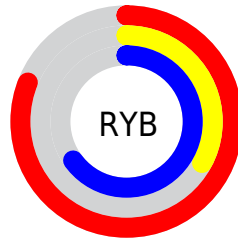
The RYB color **207, 84, 167** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **84, 177, 207**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 139, 222**, and **149, 22, 115** is the 20% darker color. If you saturate the color by 10%, you get **207, 63, 160**, and if you desaturate by 10%, it is **207, 105, 174**.

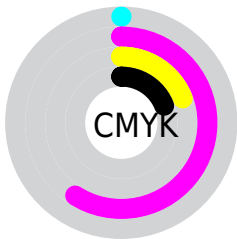
Distribution



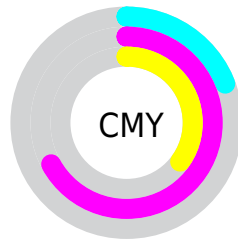
- Red (81%)
- Green (33%)
- Blue (65%)



- Red (81%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (59%)
- Yellow (19%)
- Black (19%)



- Cyan (19%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 84, 167 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, 84, 167 by changing the saturation by 10% instead.



207, 84, 167



207, 84, 167

255, 255, 255



178, 56, 141



255, 139, 222



149, 22, 115



255, 167, 251



121, 0, 90



255, 196, 255



94, 0, 66



255, 225, 255



68, 0, 44

255, 254, 255



42, 0, 23



0, 0, 0



207, 84, 167



207, 84, 167



207, 63, 160




207, 105, 174


 207, 43, 154

 207, 125, 180

 207, 22, 147

 207, 146, 187

 207, 1, 140

 207, 167, 194

 207, 0, 140

 207, 188, 201

 207, 208, 208

 207, 224, 229

 207, 239, 250

 207, 240, 255

Harmonies

Analogous

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



156, 108, 212



207, 84, 167



225, 76, 114

Triad

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



207, 84, 167



5, 139, 0



0, 86, 198

Complementary

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



207, 84, 167



84, 177, 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, 79, 155



207, 84, 167



41, 146, 107

Square

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



207, 84, 167



136, 184, 18



0, 95, 153



0, 89, 230

Rectangle

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



207, 84, 167



221, 85, 80



0, 95, 153



0, 84, 183

Sweetspot

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



207, 84, 167



255, 209, 240



123, 84, 207



128, 99, 118



0, 0, 0



128, 128, 128

Same Dimension

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



207, 84, 167



255, 74, 196



207, 84, 107



105, 94, 101



168, 0, 114



41, 0, 28

Inverse Universe

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



207, 84, 167



255, 74, 196



84, 152, 207



105, 94, 101



168, 0, 114



41, 0, 28

Previews

White Background



This preview shows how the RYB color 207, 84, 167 looks on a white background.

Color Contrast Check

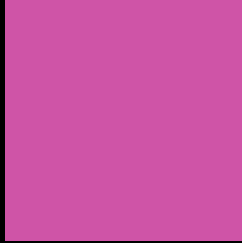
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84, 167 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, 84, 167 Background



This preview shows how black text looks on a background with the RYB color 207, 84, 167.

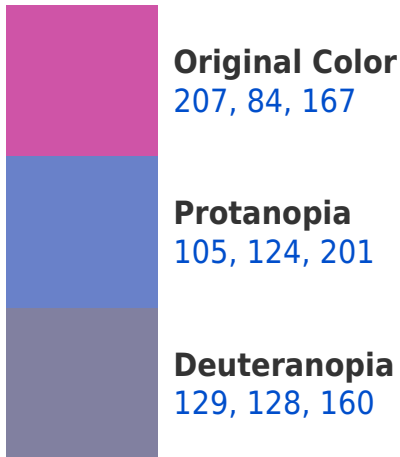


This preview shows how white text looks on a background with the RYB color 207, 84, 167.

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
201, 99, 106

Trichromacy



Original Color

207, 84, 167



Protanomaly

142, 112, 189



Deuteranomaly

157, 112, 163



Tritanomaly

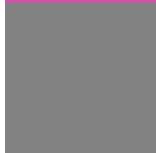
203, 94, 128

Monochromacy



Original Color

207, 84, 167



Achromatopsia

130, 130, 130



Achromatomaly

158, 113, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 84, 167 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, 84, 167) looks like.

```
.text, #text, p{  
    color:rgb(207, 84, 167)  
}
```

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, 84, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 84, 167) }
```

Border

The CSS property to change the border of an element to RYB 207, 84, 167 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, 84, 167) }
```

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

```
.border{ border-color:rgb(207, 84, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 84, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 84, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 84, 167); box-shadow:4px 4px 4px 4px rgb(207, 84, 167) }
```

Background

The CSS property to change the background color of an element to RGB 207, 84, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 84, 167) }
```

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

```
.background{ background-color: rgb(207, 84,  
167) }
```

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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