

# Converting Colors

`RYB(207, 156, 192)`

Have a look what the booklet for  
RYB(207, 156, 192) contains.

<b>RYB(207, 156, 192)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**R<sub>Y</sub>B(207, 156, 192)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF9CC0
RGB	207, 156, 192
RGB Percent	81%, 61%, 75%
CMY	0.1882, 0.3882, 0.2471
CMYK	0.00, 0.25, 0.07, 0.19
HSL	318°, 35%, 71%
HSV	318°, 25%, 81%
XYZ	47.1350, 40.8481, 55.2694
YIQ	175.3530, 18.8400, 22.0080

# Conversions

## Conversions Part 2

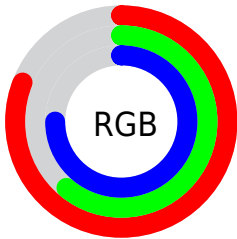
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 156, 192
Decimal	13606080
CIE Lab	70.07, 24.78, -11.15
CIE LCh	70, 27.169, 335.781
Yxy	40.8481, 0.3290, 0.2851
Android (android.graphics.Color)	4291796160 (0xFFCF9CC0)
YUV	175.3530, 8.2070, 27.7544
Hunter-Lab	63.9125, 19.7955, -6.5332

# Details

The RYB color **207, 156, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **156, 195, 207**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 211, 248**, and **152, 104, 139** is the 20% darker color. If you saturate the color by 10%, you get **207, 135, 186**, and if you desaturate by 10%, it is **207, 177, 198**.

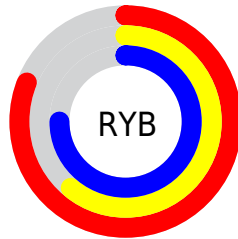
# Distribution



Red (81%)

Green (61%)

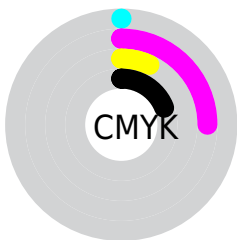
Blue (75%)



Red (81%)

Yellow (61%)

Blue (75%)

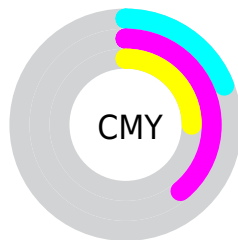


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (19%)



Cyan (19%)

Magenta (39%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 207, 156, 192 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, 156, 192 by changing the saturation by 10% instead.



 207, 156, 192


255, 255, 255

 255, 211, 248

 255, 239, 255

 207, 156, 192

 179, 130, 165

 152, 104, 139

 126, 80, 113


 100, 56, 89


 76, 33, 65


 52, 11, 43

 34, 0, 23


 0, 0, 0

 207, 156, 192

 207, 156, 192

 207, 135, 186

 207, 177, 198

 207, 115, 180

 207, 197, 204

 207, 94, 174

 207, 216, 218

 207, 73, 168

 207, 232, 239

 207, 53, 162

 207, 244, 255

 207, 32, 155

 207, 240, 255

 207, 11, 149

 207, 237, 255

 207, 0, 146

 207, 235, 255

 207, 233, 255

# Harmonies

## Analogous

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



181, 163, 211



207, 156, 192



220, 153, 167

# Triad

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



207, 156, 192



138, 184, 122



96, 143, 199

# Complementary

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



207, 156, 192



156, 195, 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.



105, 148, 185



207, 156, 192



131, 178, 152

# Square

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



207, 156, 192



206, 193, 127



129, 168, 183



114, 154, 216

# Rectangle

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



207, 156, 192



221, 154, 151



129, 168, 183



97, 143, 192



# Sweetspot

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



207, 156, 192



255, 237, 250



170, 156, 207



128, 117, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



207, 156, 192



255, 179, 233



207, 156, 167



105, 94, 101



168, 0, 119



41, 0, 29



# Inverse Universe

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



207, 156, 192



255, 179, 233



156, 185, 207



105, 94, 101



168, 0, 119

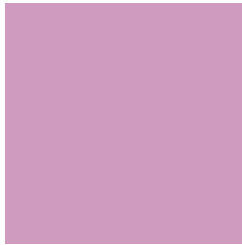


41, 0, 29



# Previews

## White Background



This preview shows how the RYB color 207, 156, 192 looks on a white background.

## Color Contrast Check

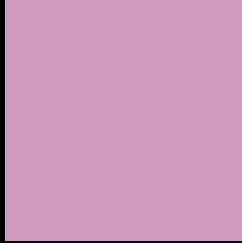
Large Text (above 18pt) WCAG AA × Fail

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, 156, 192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

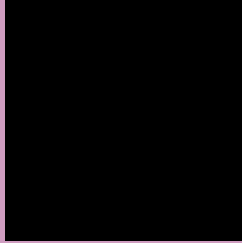
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 207, 156, 192 Background**



This preview shows how black text looks on a background with the RYB color 207, 156, 192.



This preview shows how white text looks on a background with the RYB color 207, 156, 192.

# 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



**Original Color**  
207, 156, 192

**Protanopia**  
166, 170, 201

**Deuteranopia**  
180, 167, 190



**Tritanopia**  
204, 160, 172

# Trichromacy



**Original Color**  
207, 156, 192

**Protanomaly**  
181, 165, 198

**Deuteranomaly**  
190, 163, 191

**Tritanomaly**  
205, 159, 179

# Monochromacy



**Original Color**  
207, 156, 192

**Achromatopsia**  
175, 175, 175

**Achromatomaly**  
187, 168, 181

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 207, 156, 192 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, 156, 192) looks like.

```
.text, #text, p{  
    color:rgb(207, 156, 192)  
}
```

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, 156, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 156, 192) }
```

## Border

The CSS property to change the border of an element to RYB 207, 156, 192 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, 156, 192) }
```

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

```
.border{ border-color:rgb(207, 156, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 156, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 156, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 156, 192);  
box-shadow:4px 4px 4px 4px rgb(207, 156,  
192) }
```

# Background

The CSS property to change the background color of an element to RYB 207, 156, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 156, 192) }
```

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

```
.background{ background-color: rgb(207,  
156, 192) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor