

Converting Colors

`RYB(207, 150, 183)`

Have a look what the booklet for
RYB(207, 150, 183) contains.

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Color

$\text{RYB}(207, 150, 183)$

Conversions

Conversions Part 1

Format	Color
Hex	CF96B7
RGB	207, 150, 183
RGB Percent	81%, 59%, 72%
CMY	0.1882, 0.4118, 0.2824
CMYK	0.00, 0.28, 0.12, 0.19
HSL	325°, 37%, 70%
HSV	325°, 28%, 81%
XYZ	45.1857, 38.4970, 49.8489
YIQ	170.8050, 23.3790, 22.3470

Conversions

Conversions Part 2

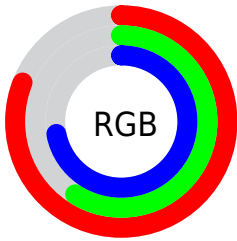
Format	Color
R _Y B	207, 150, 183
Decimal	13604535
CIE Lab	68.39, 26.50, -8.65
CIE LCh	68, 27.880, 341.919
Yxy	38.4970, 0.3384, 0.2883
Android (android.graphics.Color)	4291794615 (0xFFCF96B7)
YUV	170.8050, 6.0121, 31.7430
Hunter-Lab	62.0459, 21.4144, -4.2025

Details

The RYB color **207, 150, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **150, 190, 207**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 205, 239**, and **152, 98, 130** is the 20% darker color. If you saturate the color by 10%, you get **207, 129, 174**, and if you desaturate by 10%, it is **207, 171, 192**.

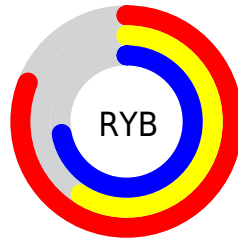
Distribution



Red (81%)

Green (59%)

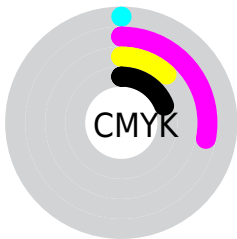
Blue (72%)



Red (81%)

Yellow (59%)

Blue (72%)

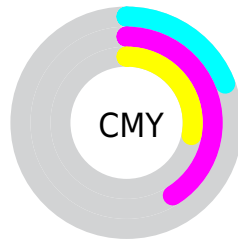


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (41%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 150, 183 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, 150, 183 by changing the saturation by 10% instead.

 207, 150, 183

 207, 150, 183


255, 255, 255

 179, 124, 156

 255, 205, 239


 152, 98, 130


 255, 233, 255

 125, 74, 105


 100, 50, 81


 75, 28, 58


 51, 5, 36


 31, 0, 15


 0, 0, 0

 207, 150, 183

 207, 150, 183

 207, 129, 174


 207, 171, 192

 207, 109, 166

 207, 191, 200

 207, 88, 157

 207, 211, 212

 207, 67, 148

 207, 225, 233

 207, 47, 139

 207, 240, 254

 207, 26, 131

 207, 237, 255

 207, 5, 122

 207, 234, 255

 207, 0, 120

 207, 232, 255

 207, 231, 255

Harmonies

Analogous

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



183, 157, 204



207, 150, 183



217, 148, 157

Triad

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



207, 150, 183



125, 175, 117



90, 139, 200

Complementary

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



207, 150, 183



150, 190, 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.



94, 139, 181



207, 150, 183



129, 175, 158

Square

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



207, 150, 183



192, 198, 119



117, 158, 180



113, 151, 214

Rectangle

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



207, 150, 183



216, 151, 141



117, 158, 180



88, 137, 192

Sweetspot

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



207, 150, 183



255, 235, 246



174, 150, 207



128, 115, 122



0, 0, 0



128, 128, 128

Same Dimension

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



207, 150, 183



255, 171, 220



207, 150, 155



105, 94, 100



168, 0, 97



41, 0, 24

Inverse Universe

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



207, 150, 183



255, 171, 220



150, 180, 207



105, 94, 100



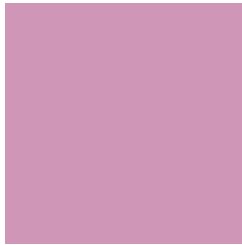
168, 0, 97



41, 0, 24

Previews

White Background



This preview shows how the RYB color 207, 150, 183 looks on a white background.

Color Contrast Check

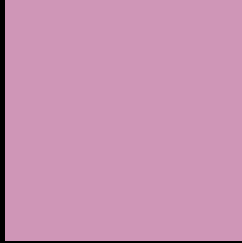
Large Text (above 18pt) WCAG AA × Fail

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, 150, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

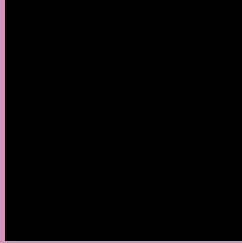
Any Text WCAG AA ✓ Pass

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, 150, 183 Background



This preview shows how black text looks on a background with the RYB color 207, 150, 183.

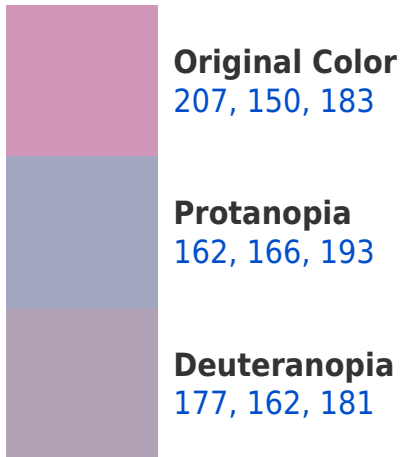



This preview shows how white text looks on a background with the RYB color 207, 150, 183.

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
205, 153, 165

Trichromacy



Original Color
207, 150, 183

Protanomaly
178, 160, 189

Deuteranomaly
188, 158, 182

Tritanomaly
206, 152, 172

Monochromacy



Original Color
207, 150, 183

Achromatopsia
171, 171, 171

Achromatomaly
184, 163, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 150, 183 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, 150, 183) looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 183)  
}
```

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, 150, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 183) }
```

Border

The CSS property to change the border of an element to RYB 207, 150, 183 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, 150, 183) }
```

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

```
.border{ border-color:rgb(207, 150, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 183);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 207, 150, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 183) }
```

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

```
.background{ background-color: rgb(207,  
150, 183) }
```

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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