

Converting Colors

`RYB(207, 122, 159)`

Have a look what the booklet for
RYB(207, 122, 159) contains.

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Color

RYB(207, 122, 159)

Conversions

Conversions Part 1

Format	Color
Hex	CF7A9F
RGB	207, 122, 159
RGB Percent	81%, 48%, 62%
CMY	0.1882, 0.5216, 0.3765
CMYK	0.00, 0.41, 0.23, 0.19
HSL	334°, 47%, 65%
HSV	334°, 41%, 81%
XYZ	38.9497, 29.6877, 36.4783
YIQ	151.6330, 38.7830, 29.5270

Conversions

Conversions Part 2

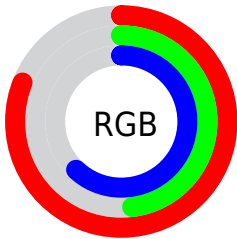
Format	Color
R _Y B	207, 122, 159
Decimal	13597343
CIE Lab	61.38, 37.83, -5.49
CIE LCh	61, 38.230, 351.750
Yxy	29.6877, 0.3705, 0.2824
Android (android.graphics.Color)	4291787423 (0xFFCF7A9F)
YUV	151.6330, 3.6319, 48.5569
Hunter-Lab	54.4864, 32.2498, -1.5538

Details

The RYB color **207, 122, 159** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **122, 176, 207**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 176, 214**, and **151, 71, 108** is the 20% darker color. If you saturate the color by 10%, you get **207, 101, 147**, and if you desaturate by 10%, it is **207, 143, 171**.

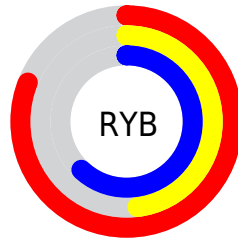
Distribution



Red (81%)

Green (48%)

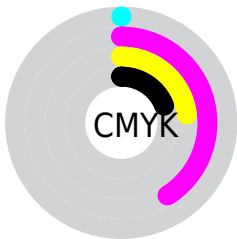
Blue (62%)



Red (81%)

Yellow (48%)

Blue (62%)

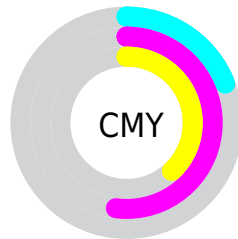


Cyan (0%)

Magenta (41%)

Yellow (23%)

Black (19%)



Cyan (19%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 122, 159 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, 122, 159 by changing the saturation by 10% instead.

 207, 122, 159

255, 255, 255


 255, 176, 214

 255, 204, 242

 255, 232, 255

 207, 122, 159

 179, 96, 133

 151, 71, 108

 123, 46, 83

 97, 19, 60

 71, 0, 39

 49, 0, 18

 2, 0, 0

 0, 0, 0

 207, 122, 159

 207, 122, 159

 207, 101, 147

 207, 143, 171

 207, 81, 136

 207, 163, 182

 207, 60, 124

 207, 184, 194

 207, 39, 112

 207, 205, 206

 207, 18, 101

 207, 219, 226

 207, 0, 90

 207, 232, 246

 207, 235, 255

 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.



181, 130, 190



207, 122, 159



213, 122, 125

Triad

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



207, 122, 159



84, 154, 93



0, 90, 200

Complementary

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



207, 122, 159



122, 176, 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, 84, 172



207, 122, 159



105, 161, 160

Square

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



207, 122, 159



136, 178, 81



55, 118, 165



76, 126, 215

Rectangle

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



207, 122, 159



208, 135, 105



55, 118, 165



0, 88, 192

Sweetspot

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



207, 122, 159



255, 224, 238



169, 122, 207



128, 110, 117



0, 0, 0



128, 128, 128

Same Dimension

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



207, 122, 159



255, 130, 184



207, 126, 122



105, 94, 99



168, 0, 73



41, 0, 18

Inverse Universe

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



207, 122, 159



255, 130, 184



122, 163, 207



105, 94, 99



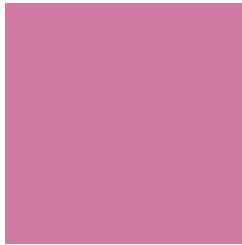
168, 0, 73



41, 0, 18

Previews

White Background



This preview shows how the RYB color 207, 122, 159 looks on a white background.

Color Contrast Check

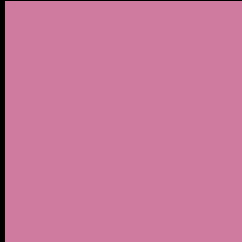
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 159 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, 122, 159 Background



This preview shows how black text looks on a background with the RYB color 207, 122, 159.

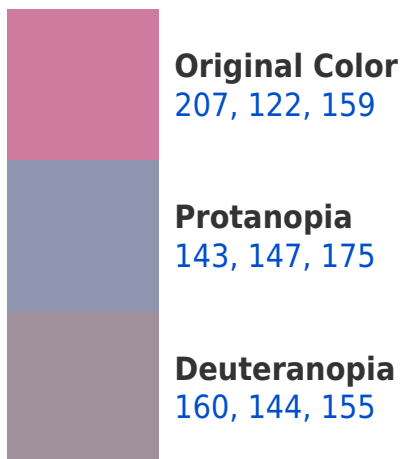


This preview shows how white text looks on a background with the RYB color 207, 122, 159.

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, 126, 136

Trichromacy



Original Color

207, 122, 159

Protanomaly

166, 138, 169

Deuteranomaly

177, 136, 156

Tritanomaly

206, 125, 144

Monochromacy



Original Color

207, 122, 159

Achromatopsia

152, 152, 152

Achromatomaly

172, 141, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 122, 159 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, 122, 159) looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 159)  
}
```

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, 122, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 159) }
```

Border

The CSS property to change the border of an element to RYB 207, 122, 159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

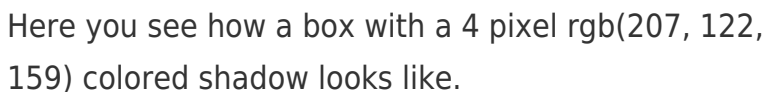
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 122, 159) }
```

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

```
.border{ border-color:rgb(207, 122, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 122, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 122, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 122, 159); box-shadow:4px 4px 4px 4px rgb(207, 122, 159) }
```

Background

The CSS property to change the background color of an element to RYB 207, 122, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 159) }
```

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

```
.background{ background-color: rgb(207,  
122, 159) }
```

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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