

Converting Colors

`RYB(204, 159, 195)`

Have a look what the booklet for
RYB(204, 159, 195) contains.

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Color

R_YB(204, 159, 195)

Conversions

Conversions Part 1

Format	Color
Hex	CC9FC3
RGB	204, 159, 195
RGB Percent	80%, 62%, 76%
CMY	0.2000, 0.3765, 0.2353
CMYK	0.00, 0.22, 0.04, 0.20
HSL	312°, 31%, 71%
HSV	312°, 22%, 80%
XYZ	47.1503, 41.5738, 57.1692
YIQ	176.5590, 15.2640, 20.7360

Conversions

Conversions Part 2

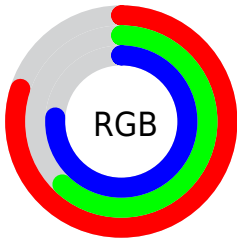
Format	Color
R_{YB}	204, 159, 195
Decimal	13410243
CIE _{Lab}	70.58, 22.64, -12.08
CIE _{LCh}	71, 25.657, 331.915
Yxy	41.5738, 0.3232, 0.2850
Android (android.graphics.Color)	4291600323 (0xFFCC9FC3)
YUV	176.5590, 9.0914, 24.0658
Hunter-Lab	64.4777, 17.6948, -7.4351

Details

The RYB color **204, 159, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 197, 204**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 214, 252**, and **149, 107, 141** is the 20% darker color. If you saturate the color by 10%, you get **204, 139, 191**, and if you desaturate by 10%, it is **204, 179, 199**.

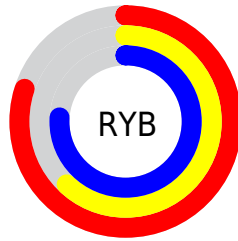
Distribution



Red (80%)

Green (62%)

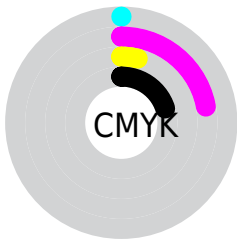
Blue (76%)



Red (80%)

Yellow (62%)

Blue (76%)

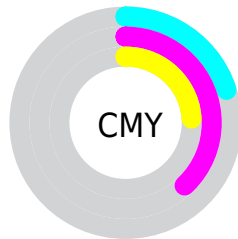


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 159, 195 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 204, 159, 195 by changing the saturation by 10% instead.


 204, 159, 195

255, 255, 255

 255, 214, 252

 255, 242, 255

 204, 159, 195

 176, 133, 168

 149, 107, 141

 123, 83, 116

 98, 59, 91

 73, 36, 68


 50, 15, 45

 32, 0, 25

 0, 0, 0

 204, 159, 195

 204, 159, 195

 204, 139, 191

 204, 179, 199

 204, 118, 187

 204, 200, 203

 204, 98, 183

 204, 217, 220

 204, 77, 179


 204, 235, 241

 204, 57, 175

 204, 246, 255

 204, 37, 171

 204, 243, 255

 204, 16, 166

 204, 241, 255

 204, 0, 163

 204, 239, 255

 204, 237, 255

Harmonies

Analogous

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



178, 166, 212



204, 159, 195



218, 156, 172

Triad

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



204, 159, 195



148, 188, 126



104, 147, 196

Complementary

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



204, 159, 195



159, 197, 204

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.



113, 153, 186



204, 159, 195



133, 179, 149

Square

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



204, 159, 195



208, 187, 132



136, 173, 184



117, 155, 213

Rectangle

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



204, 159, 195



220, 156, 156



136, 173, 184



104, 146, 189

Sweetspot

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



204, 159, 195



255, 237, 251



168, 159, 204



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



204, 159, 195



255, 189, 242



204, 159, 173



102, 92, 100



166, 0, 133



38, 0, 31

Inverse Universe

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



204, 159, 195



255, 189, 242



159, 185, 204



102, 92, 100



166, 0, 133



38, 0, 31

Previews

White Background



This preview shows how the RYB color 204, 159, 195 looks on a white background.

Color Contrast Check

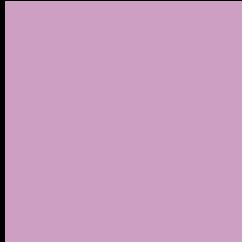
Large Text (above 18pt) WCAG AA × Fail

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 204, 159, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

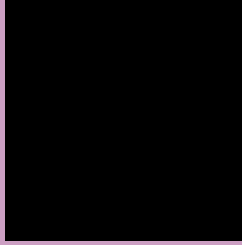
Any Text WCAG AA ✓ Pass

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 204, 159, 195 Background



This preview shows how black text looks on a background with the RYB color 204, 159, 195.

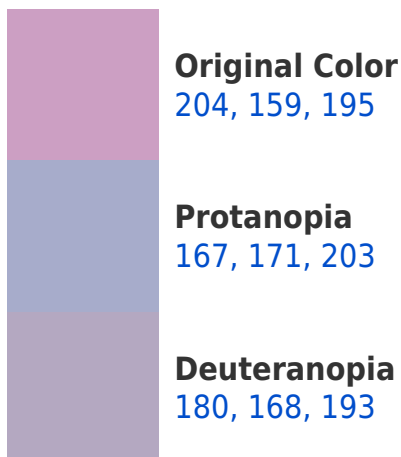



This preview shows how white text looks on a background with the RYB color 204, 159, 195.

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, 162, 175

Trichromacy



Original Color
204, 159, 195

Protanomaly
180, 167, 200

Deuteranomaly
189, 165, 194

Tritanomaly
202, 161, 182

Monochromacy



Original Color
204, 159, 195

Achromatopsia
177, 177, 177

Achromatomaly
187, 170, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 159, 195 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(204, 159, 195) looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 195)  
}
```

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(204, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 195) }
```

Border

The CSS property to change the border of an element to RYB 204, 159, 195 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(204, 159, 195) }
```

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

```
.border{ border-color:rgb(204, 159, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 204, 159, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 195) }
```

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

```
.background{ background-color: rgb(204,  
159, 195) }
```

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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