

Converting Colors

`RYB(205, 159, 156)`

Have a look what the booklet for
RYB(205, 159, 156) contains.

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Color

R_YB(205, 159, 156)

Conversions

Conversions Part 1

Format	Color
Hex	CD9F9C
RGB	205, 159, 156
RGB Percent	80%, 62%, 61%
CMY	0.1961, 0.3771, 0.3882
CMYK	0.00, 0.23, 0.24, 0.20
HSL	3°, 33%, 71%
HSV	3°, 24%, 80%
XYZ	43.5460, 40.1162, 36.9006
YIQ	172.4120, 28.3790, 8.8190

Conversions

Conversions Part 2

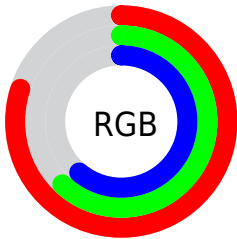
Format	Color
R _Y B	205, 159, 156
Decimal	13475740
CIE Lab	69.55, 16.69, 8.06
CIE LCh	70, 18.540, 25.781
Yxy	40.1162, 0.3612, 0.3327
Android (android.graphics.Color)	4291665820 (0xFFCD9F9C)
YUV	172.4120, -8.0911, 28.5797
Hunter-Lab	63.3374, 11.8827, 9.7936

Details

The RYB color **205, 159, 156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 180, 205**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 214, 210**, and **150, 107, 105** is the 20% darker color. If you saturate the color by 10%, you get **205, 140, 136**, and if you desaturate by 10%, it is **205, 178, 177**.

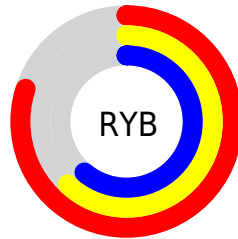
Distribution



Red (80%)

Green (62%)

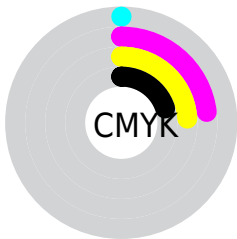
Blue (61%)



Red (80%)

Yellow (62%)

Blue (61%)

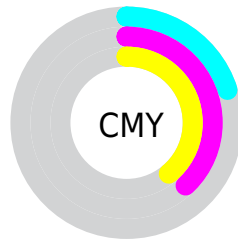


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 159, 156 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 205, 159, 156 by changing the saturation by 10% instead.

 205, 159, 156

 205, 159, 156

255, 255, 255


 177, 133, 130


 255, 214, 210

 150, 107, 105

 255, 243, 239

 123, 83, 81

 98, 59, 58


 73, 37, 36

 49, 16, 15

 28, 0, 1

 0, 0, 0

 205, 159, 156


 205, 159, 156

 205, 140, 136

 205, 178, 177

 205, 120, 115

 205, 197, 197

 205, 101, 95

 205, 211, 218

 205, 83, 74

 205, 221, 238

 205, 62, 54

 205, 230, 255

 205, 44, 33

 205, 25, 12

 205, 13, 0

Harmonies

Analogous

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



202, 158, 173



205, 159, 156



199, 174, 143

Triad

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



205, 159, 156



148, 174, 177



148, 165, 203

Complementary

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



205, 159, 156



156, 180, 205

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.



130, 158, 197



205, 159, 156



132, 159, 179

Square

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



205, 159, 156



139, 173, 145



124, 153, 184



170, 166, 200

Rectangle

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



205, 159, 156



183, 190, 138



124, 153, 184



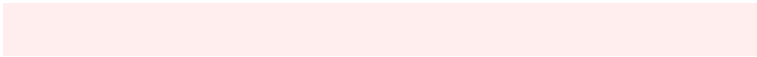
141, 162, 202

Sweetspot

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



205, 159, 156



255, 238, 237



205, 156, 203



128, 118, 117



0, 0, 0



128, 128, 128

Same Dimension

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



205, 159, 156



255, 185, 181



196, 205, 156



102, 92, 92



166, 11, 0



38, 2, 0

Inverse Universe

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



156, 180, 205



181, 217, 255



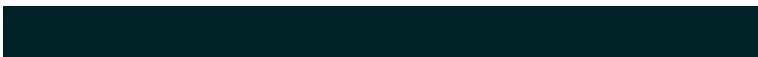
156, 171, 205



92, 97, 102



0, 80, 166



0, 18, 38

Previews

White Background



This preview shows how the RYB color 205, 159, 156 looks on a white background.

Color Contrast Check

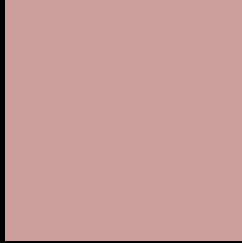
Large Text (above 18pt) WCAG AA × Fail

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 205, 159, 156 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 205, 159, 156 Background



This preview shows how black text looks on a background with the RYB color 205, 159, 156.



This preview shows how white text looks on a background with the RYB color 205, 159, 156.

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
205, 159, 156

Protanopia
173, 175, 162

Deuteranopia
192, 167, 155



Tritanopia
206, 157, 169

Trichromacy



Original Color

205, 159, 156

Protanomaly

186, 166, 160

Deuteranomaly

197, 163, 155

Tritanomaly

206, 158, 164

Monochromacy



Original Color

205, 159, 156

Achromatopsia

172, 172, 172

Achromatomaly

184, 167, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 159, 156 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(205, 159, 156) looks like.

```
.text, #text, p{  
    color:rgb(205, 159, 156)  
}
```

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(205, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 159, 156) }
```

Border

The CSS property to change the border of an element to RYB 205, 159, 156 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(205, 159, 156) }
```

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

```
.border{ border-color:rgb(205, 159, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(205, 159,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 205, 159, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 159, 156) }
```

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

```
.background{ background-color: rgb(205,  
159, 156) }
```

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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