

Converting Colors

`RYB(159, 199, 166)`

Have a look what the booklet for
RYB(159, 199, 166) contains.

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Color

`RYB(159, 199, 166)`

Conversions

Conversions Part 1

Format	Color
Hex	C0C79F
RGB	192, 199, 159
RGB Percent	75%, 78%, 62%
CMY	0.2471, 0.2196, 0.3765
CMYK	0.04, 0.00, 0.20, 0.22
HSL	70°, 26%, 70%
HSV	70°, 20%, 78%
XYZ	48.4197, 54.5565, 40.7794
YIQ	192.3470, 8.6680, -13.9240

Conversions

Conversions Part 2

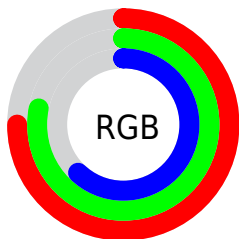
Format	Color
RYB	159, 199, 166
Decimal	12634015
CIELab	78.79, -9.23, 19.26
CIELCh	79, 21.355, 115.600
Yxy	54.5565, 0.3368, 0.3795
Android (android.graphics.Color)	4290824095 (0xFFC0C79F)
YUV	192.3470, -16.4401, -0.3043
Hunter-Lab	73.8624, -12.2455, 18.9697

Details

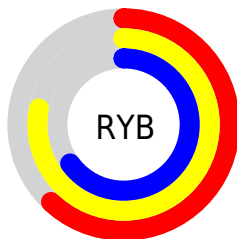
The RYB color **159, 199, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 159, 199**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **214, 255, 220**, and **107, 145, 114** is the 20% darker color. If you saturate the color by 10%, you get **139, 199, 149**, and if you desaturate by 10%, it is **179, 199, 183**.

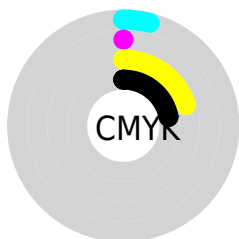
Distribution



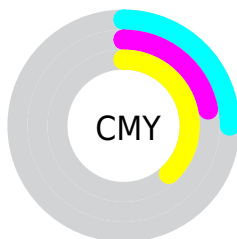
- Red (75%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 199, 166 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 159, 199, 166 by changing the saturation by 10% instead.

 159, 199, 166

255, 255, 255


 214, 255, 220

 242, 255, 242

 159, 199, 166

 133, 172, 140

 107, 145, 114

 83, 120, 90

 60, 95, 67

 37, 71, 44

 16, 49, 24

 0, 28, 7

 0, 0, 0

 159, 199, 166

 159, 199, 166

■ 139, 199, 149

■ 179, 199, 183

■ 119, 199, 133

■ 199, 199, 199

■ 99, 199, 116

■ 202, 199, 219

■ 79, 199, 100

■ 206, 199, 239

■ 60, 199, 84

■ 209, 199, 255

■ 40, 199, 68

■ 213, 199, 255

■ 20, 199, 51

■ 216, 199, 255

■ 0, 199, 35

■ 220, 199, 255

■ 223, 199, 255

Harmonies

Analogous

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



187, 213, 156



159, 199, 166



169, 201, 204

Triad

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



159, 199, 166



148, 180, 227



233, 181, 199

Complementary

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



159, 199, 166



166, 159, 199

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.



218, 185, 218



159, 199, 166



168, 189, 234

Square

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



159, 199, 166



141, 175, 211



195, 191, 231



236, 182, 179

Rectangle

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



159, 199, 166



156, 188, 206



195, 191, 231



229, 182, 205

Sweetspot

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



159, 199, 166



240, 255, 243



199, 167, 159



119, 128, 121



0, 0, 0



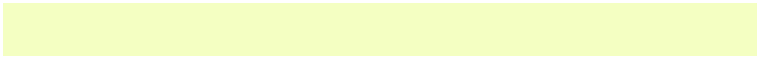
128, 128, 128

Same Dimension

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



159, 199, 166



194, 255, 205



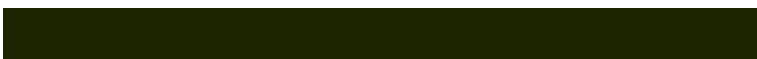
159, 199, 186



90, 99, 91



0, 163, 28



0, 36, 7

Inverse Universe

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



166, 159, 199



205, 194, 255



186, 159, 199



91, 90, 99



29, 0, 163



6, 0, 36

Previews

White Background



This preview shows how the RYB color 159, 199, 166 looks on a white background.

Color Contrast Check

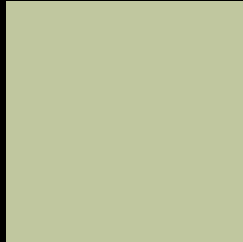
Large Text (above 18pt) WCAG AA × Fail

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 159, 199, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

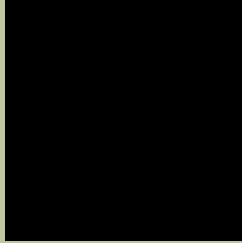
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

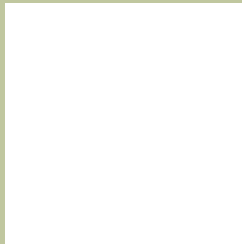
Any Text WCAG AAA ✓ Pass

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

RYB 159, 199, 166 Background



This preview shows how black text looks on a background with the RYB color 159, 199, 166.

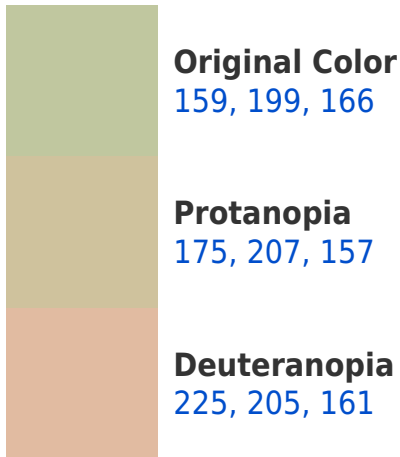



This preview shows how white text looks on a background with the RYB color 159, 199, 166.

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](#).

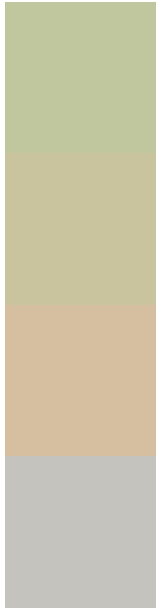
Dichromacy





Tritanopia
199, 192, 208

Trichromacy



Original Color

159, 199, 166

Protanomaly

165, 202, 158

Deuteranomaly

198, 213, 160

Tritanomaly

191, 196, 190

Monochromacy



Original Color

159, 199, 166

Achromatopsia

192, 192, 192

Achromatomaly

180, 195, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 199, 166 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(192, 199, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 199, 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(192, 199, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 199, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 199, 166 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(192, 199, 159) }
```

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

```
.border{ border-color:rgb(192, 199, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 199, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 199, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 199, 159);  
box-shadow:4px 4px 4px 4px rgb(192, 199,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 199, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 199, 159) }
```

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

```
.background{ background-color: rgb(192,  
199, 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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