

Converting Colors

`RYB(166, 179, 159)`

Have a look what the booklet for
RYB(166, 179, 159) contains.

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Color

R_YB(166, 179, 159)

Conversions

Conversions Part 1

Format	Color
Hex	B3AE9F
RGB	179, 174, 159
RGB Percent	70%, 68%, 62%
CMY	0.2980, 0.3184, 0.3765
CMYK	0.00, 0.03, 0.11, 0.30
HSL	44°, 12%, 66%
HSV	44°, 11%, 70%
XYZ	39.9487, 42.2875, 38.8577
YIQ	173.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

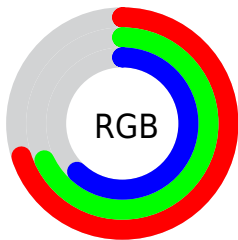
Format	Color
RYB	166, 179, 159
Decimal	11775647
CIELab	71.07, -0.76, 8.26
CIELCh	71, 8.291, 95.273
Yxy	42.2875, 0.3299, 0.3492
Android (android.graphics.Color)	4289965727 (0xFFB3AE9F)
YUV	173.7850, -7.2890, 4.5736
Hunter-Lab	65.0288, -4.1438, 10.0917

Details

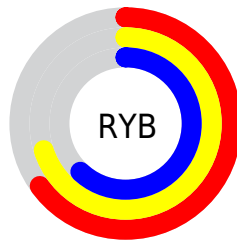
The RYB color **166, 179, 159** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159, 163, 179**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **222, 235, 214**, and **113, 126, 108** is the 20% darker color. If you saturate the color by 10%, you get **155, 179, 141**, and if you desaturate by 10%, it is **179, 179, 177**.

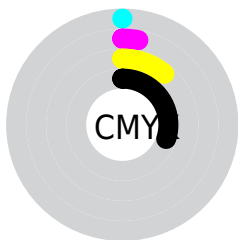
Distribution



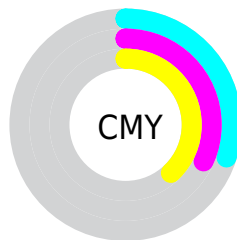
- Red (70%)
- Green (68%)
- Blue (62%)



- Red (65%)
- Yellow (70%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 179, 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 166, 179, 159 by changing the saturation by 10% instead.

■ 166, 179, 159

255, 255, 255

■ 222, 235, 214

■ 242, 255, 242

■ 166, 179, 159

■ 140, 152, 133

■ 113, 126, 108

■ 88, 101, 83

■ 65, 77, 60

■ 43, 54, 39

■ 22, 33, 18

■ 0, 4, 0

■ 0, 0, 0

■ 166, 179, 159


■ 166, 179, 159

 155, 179, 141

 179, 179, 177

 142, 179, 123


 179, 182, 195

 131, 179, 105

 179, 186, 213

 119, 179, 87

 179, 189, 231

 108, 179, 70

 179, 193, 249

 97, 179, 52


 179, 197, 255

 85, 179, 34

 179, 199, 255

 73, 179, 16

 179, 202, 255

 62, 179, 0

 179, 204, 255

Harmonies

Analogous

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



186, 179, 160



166, 179, 159



162, 176, 168

Triad

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



166, 179, 159



156, 168, 182



185, 170, 180

Complementary

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



166, 179, 159



159, 163, 179

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.



177, 172, 186



166, 179, 159



160, 170, 187

Square

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



166, 179, 159



157, 169, 179



168, 173, 189



190, 169, 173

Rectangle

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



166, 179, 159



165, 177, 177



168, 173, 189



183, 170, 183

Sweetspot

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



166, 179, 159



228, 232, 225



179, 159, 164



114, 117, 113



245, 245, 245



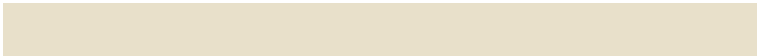
117, 117, 117

Same Dimension

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



166, 179, 159



213, 232, 202



159, 179, 164



83, 89, 80



54, 153, 0



10, 26, 0

Inverse Universe

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



159, 163, 179



202, 208, 232



164, 159, 179



80, 82, 89



0, 32, 153



0, 6, 26

Previews

White Background



This preview shows how the RYB color 166, 179, 159 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 RGB color 166, 179, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

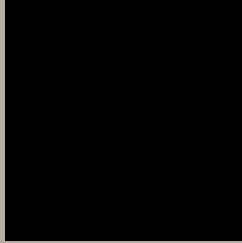
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

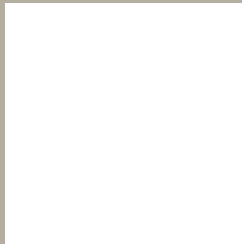
Any Text WCAG AAA ✓ Pass

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

RYB 166, 179, 159 Background



This preview shows how black text looks on a background with the RYB color 166, 179, 159.



This preview shows how white text looks on a background with the RYB color 166, 179, 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



Original Color


166, 179, 159

Protanopia

172, 181, 159

Deuteranopia

196, 170, 160



Tritanopia
182, 170, 184

Trichromacy



Original Color

166, 179, 159

Protanomaly

170, 180, 159

Deuteranomaly

190, 175, 160

Tritanomaly

181, 171, 175

Monochromacy



Original Color

166, 179, 159

Achromatopsia

174, 174, 174

Achromatomaly

172, 176, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 179, 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(179, 174, 159) looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 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(179, 174, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 159) }
```

Border

The CSS property to change the border of an element to RYB 166, 179, 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(179, 174, 159) }
```

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

```
.border{ border-color:rgb(179, 174, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 159);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 166, 179, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 159) }
```

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

```
.background{ background-color: rgb(179,  
174, 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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