

Converting Colors

`RYB(169, 179, 158)`

Have a look what the booklet for
RYB(169, 179, 158) contains.

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Color

R_YB(169, 179, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B3AC9E
RGB	179, 172, 158
RGB Percent	70%, 67%, 62%
CMY	0.2980, 0.3263, 0.3804
CMYK	0.00, 0.04, 0.12, 0.30
HSL	39°, 12%, 66%
HSV	39°, 12%, 70%
XYZ	39.4729, 41.4742, 38.2726
YIQ	172.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

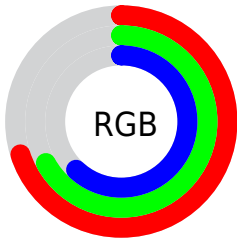
Format	Color
RYB	169, 179, 158
Decimal	11775134
CIELab	70.51, 0.17, 8.00
CIElCh	71, 8.004, 88.806
Yxy	41.4742, 0.3311, 0.3479
Android (android.graphics.Color)	4289965214 (0xFFB3AC9E)
YUV	172.4970, -7.1470, 5.7031
Hunter-Lab	64.4004, -3.2930, 9.8448

Details

The RYB color **169, 179, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 163, 179**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **226, 235, 213**, and **116, 126, 107** is the 20% darker color. If you saturate the color by 10%, you get **160, 179, 140**, and if you desaturate by 10%, it is **178, 179, 176**.

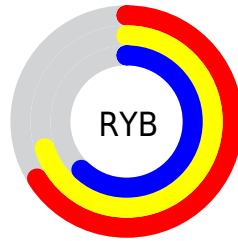
Distribution



Red (70%)

Green (67%)

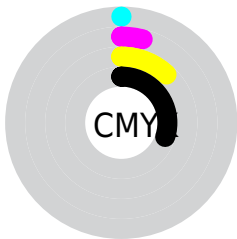
Blue (62%)



Red (66%)

Yellow (70%)

Blue (62%)

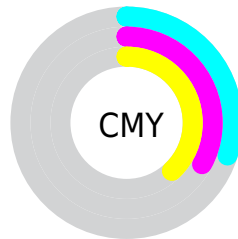


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 179, 158 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 169, 179, 158 by changing the saturation by 10% instead.

 169, 179, 158


255, 255, 255

 226, 235, 213

 241, 255, 241

 169, 179, 158

 143, 152, 132

 116, 126, 107

 91, 101, 82

 68, 77, 59

 45, 54, 38

 24, 33, 17

 2, 3, 0


 0, 0, 0

 169, 179, 158

 169, 179, 158

 160, 179, 140


 178, 179, 176

 153, 179, 122

 179, 183, 194

 144, 179, 104


 179, 187, 212

 135, 179, 86

 179, 192, 230

 127, 179, 69


 179, 197, 248

 118, 179, 51


 179, 201, 255

 109, 179, 33

 179, 203, 255

 100, 179, 15

 179, 206, 255

 95, 179, 0

 179, 208, 255

Harmonies

Analogous

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



185, 177, 160



169, 179, 158



160, 174, 163

Triad

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



169, 179, 158



155, 166, 179



182, 169, 180

Complementary

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



169, 179, 158



158, 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.



174, 171, 185



169, 179, 158



158, 168, 185

Square

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



169, 179, 158



157, 168, 177



165, 171, 187



187, 168, 173

Rectangle

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



169, 179, 158



163, 175, 173



165, 171, 187



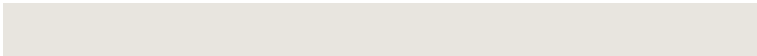
179, 169, 182

Sweetspot

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



169, 179, 158



228, 232, 223



179, 158, 165



114, 117, 111



245, 245, 245



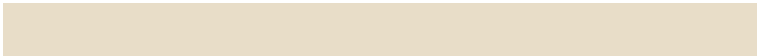
117, 117, 117

Same Dimension

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



169, 179, 158



217, 232, 200



158, 179, 161



85, 89, 80



81, 153, 0



14, 26, 0

Inverse Universe

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



158, 163, 179



200, 208, 232



161, 158, 179



80, 82, 89



0, 39, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 169, 179, 158 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 169, 179, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

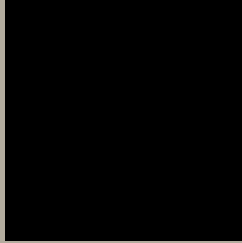
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

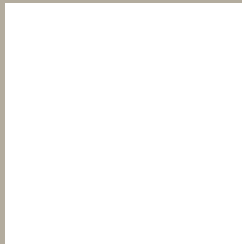
Any Text WCAG AAA ✓ Pass

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

R Y B 169, 179, 158 Background



This preview shows how black text looks on a background with the RYB color 169, 179, 158.



This preview shows how white text looks on a background with the RYB color 169, 179, 158.

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
169, 179, 158

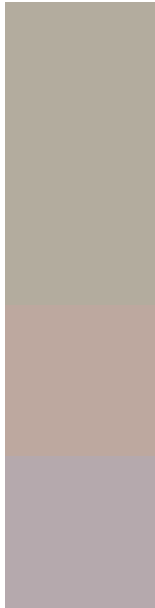
Protanopia
169, 179, 158

Deuteranopia
194, 168, 159



Tritanopia
182, 168, 182

Trichromacy



Original Color

169, 179, 158

Protanomaly

169, 179, 158

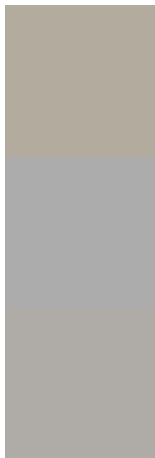
Deuteranomaly

189, 172, 159

Tritanomaly

181, 169, 173

Monochromacy



Original Color

169, 179, 158

Achromatopsia

172, 172, 172

Achromatomaly

172, 175, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 179, 158 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, 172, 158) looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 158)  
}
```

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, 172, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 158) }
```

Border

The CSS property to change the border of an element to RYB 169, 179, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

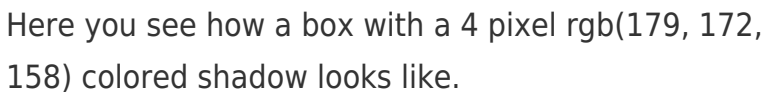
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 172, 158) }
```

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

```
.border{ border-color:rgb(179, 172, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 172, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 172, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 172, 158); box-shadow:4px 4px 4px 4px rgb(179, 172, 158) }
```

Background

The CSS property to change the background color of an element to RYB 169, 179, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 158) }
```

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

```
.background{ background-color: rgb(179,  
172, 158) }
```

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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