

Converting Colors

`RYB(169, 178, 158)`

Have a look what the booklet for RYB(169, 178, 158) contains.

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Color

R_YB(169, 178, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B2AB9E
RGB	178, 171, 158
RGB Percent	70%, 67%, 62%
CMY	0.3020, 0.3298, 0.3804
CMYK	0.00, 0.04, 0.11, 0.30
HSL	39°, 11%, 66%
HSV	39°, 11%, 70%
XYZ	39.0763, 41.0229, 38.2064
YIQ	171.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

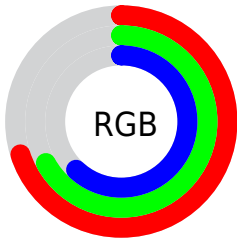
Format	Color
RYB	169, 178, 158
Decimal	11709342
CIELab	70.19, 0.27, 7.54
CIELCh	70, 7.546, 87.944
Yxy	41.0229, 0.3303, 0.3468
Android (android.graphics.Color)	4289899422 (0xFFB2AB9E)
YUV	171.6110, -6.7102, 5.6032
Hunter-Lab	64.0491, -3.1833, 9.4668

Details

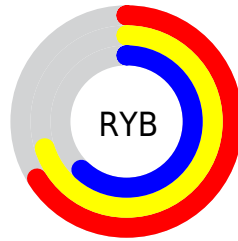
The RYB color **169, 178, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **158, 163, 178**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **226, 234, 213**, and **116, 125, 107** is the 20% darker color. If you saturate the color by 10%, you get **160, 178, 140**, and if you desaturate by 10%, it is **178, 178, 176**.

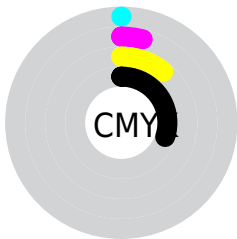
Distribution



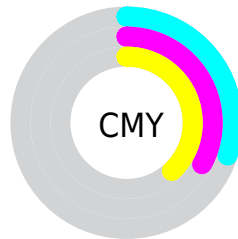
- Red (70%)
- Green (67%)
- Blue (62%)



- Red (66%)
- Yellow (70%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 178, 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, 178, 158 by changing the saturation by 10% instead.

■ 169, 178, 158

255, 255, 255

■ 226, 234, 213

■ 241, 255, 241

■ 169, 178, 158

■ 143, 151, 132

■ 116, 125, 107

■ 92, 100, 83

■ 66, 76, 59

■ 46, 53, 38

■ 25, 32, 17

■ 2, 0, 0

■ 0, 0, 0

■ 169, 178, 158


■ 169, 178, 158

 160, 178, 140


 178, 178, 176

 153, 178, 122


 178, 182, 194

 145, 178, 105


 178, 187, 211

 136, 178, 87


 178, 191, 229

 130, 178, 69


 178, 196, 247

 121, 178, 51


 178, 200, 255

 112, 178, 33

 178, 203, 255

 106, 178, 16

 178, 206, 255

 98, 178, 0

 178, 208, 255

Harmonies

Analogous

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



184, 174, 160



169, 178, 158



159, 173, 162

Triad

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



169, 178, 158



155, 166, 178



180, 168, 179

Complementary

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



169, 178, 158



158, 163, 178

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.



173, 170, 184



169, 178, 158



158, 168, 183

Square

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



169, 178, 158



157, 168, 176



164, 170, 185



185, 167, 172

Rectangle

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



169, 178, 158



162, 174, 171



164, 170, 185



178, 169, 181

Sweetspot

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



169, 178, 158



228, 232, 225



178, 158, 165



114, 117, 113



245, 245, 245



117, 117, 117

Same Dimension

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



169, 178, 158



219, 232, 202



158, 178, 161



85, 89, 80



83, 153, 0



16, 26, 0

Inverse Universe

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



158, 163, 178



202, 210, 232



161, 158, 178



80, 82, 89



0, 40, 153



0, 7, 26

Previews

White Background



This preview shows how the RYB color 169, 178, 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, 178, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

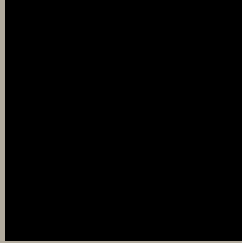
Any Text WCAG AA ✓ Pass

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, 178, 158 Background



This preview shows how black text looks on a background with the R Y B color 169, 178, 158.



This preview shows how white text looks on a background with the R Y B color 169, 178, 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, 178, 158

Protanopia

169, 178, 158

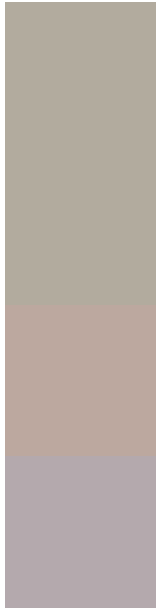
Deuteranopia

193, 168, 159



Tritanopia
181, 168, 181

Trichromacy



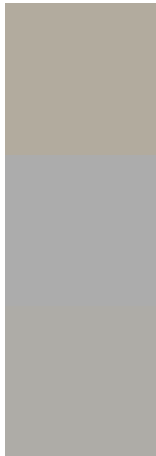
Original Color
169, 178, 158

Protanomaly
169, 178, 158

Deuteranomaly
188, 172, 159

Tritanomaly
180, 169, 173

Monochromacy



Original Color
169, 178, 158

Achromatopsia
172, 172, 172

Achromatomaly
170, 174, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 178, 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(178, 171, 158) looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 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(178, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 158) }
```

Border

The CSS property to change the border of an element to RYB 169, 178, 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(178, 171, 158) }
```

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

```
.border{ border-color:rgb(178, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 169, 178, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 158) }
```

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

```
.background{ background-color: rgb(178,  
171, 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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