

Converting Colors

`RYB(180, 159, 156)`

Have a look what the booklet for
RYB(180, 159, 156) contains.

RYB(180, 159, 156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(180, 159, 156)

Conversions

Conversions Part 1

Format	Color
Hex	B49F9C
RGB	180, 159, 156
RGB Percent	71%, 62%, 61%
CMY	0.2941, 0.3778, 0.3882
CMYK	0.00, 0.12, 0.13, 0.29
HSL	7°, 14%, 66%
HSV	7°, 13%, 71%
XYZ	37.1640, 36.7854, 36.5940
YIQ	164.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

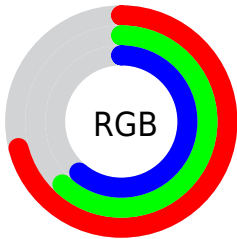
Format	Color
RYB	180, 159, 156
Decimal	11837340
CIELab	67.12, 7.36, 4.25
CIELCh	67, 8.502, 29.991
Yxy	36.7854, 0.3362, 0.3328
Android (android.graphics.Color)	4290027420 (0xFFB49F9C)
YUV	164.9370, -4.4059, 13.2103
Hunter-Lab	60.6510, 3.2372, 6.6828

Details

The RYB color **180, 159, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156, 167, 180**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **236, 215, 210**, and **127, 108, 105** is the 20% darker color. If you saturate the color by 10%, you get **180, 144, 138**, and if you desaturate by 10%, it is **180, 175, 174**.

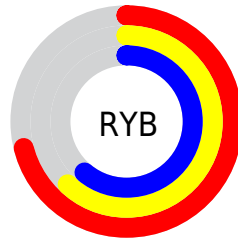
Distribution



Red (71%)

Green (62%)

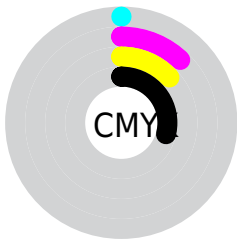
Blue (61%)



Red (71%)

Yellow (62%)

Blue (61%)

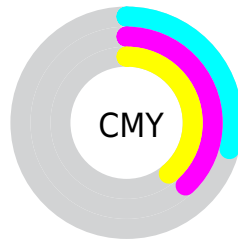


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 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 180, 159, 156 by changing the saturation by 10% instead.

 180, 159, 156

255, 255, 255

 236, 213, 210

 255, 243, 239


 180, 159, 156

 153, 133, 130

 127, 107, 105


 102, 83, 81

 78, 60, 58


 55, 38, 36

 33, 19, 15


 0, 0, 0


 180, 159, 156


 180, 144, 138


 180, 159, 156

 180, 175, 174

 180, 128, 120

 180, 186, 192

 180, 112, 102

 180, 194, 210

 180, 96, 84

 180, 203, 228

 180, 81, 66

 180, 211, 246

 180, 65, 48

 180, 218, 255

 180, 49, 30

 180, 33, 12

 180, 23, 0

Harmonies

Analogous

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



179, 158, 164



180, 159, 156



177, 166, 150

Triad

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



180, 159, 156



153, 165, 167



156, 162, 178

Complementary

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



180, 159, 156



156, 167, 180

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.



148, 159, 176



180, 159, 156



146, 158, 168

Square

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



180, 159, 156



150, 165, 154



145, 157, 171



165, 161, 177

Rectangle

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



180, 159, 156



165, 172, 148



145, 157, 171



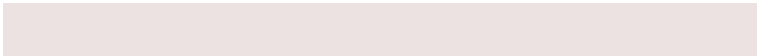
153, 161, 178

Sweetspot

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



180, 159, 156



235, 226, 225



180, 156, 178



117, 112, 111



245, 245, 245



117, 117, 117

Same Dimension

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



180, 159, 156



235, 201, 197



173, 180, 156



89, 81, 80



153, 19, 0



26, 3, 0

Inverse Universe

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



156, 167, 180



197, 215, 235



156, 163, 180



80, 84, 89



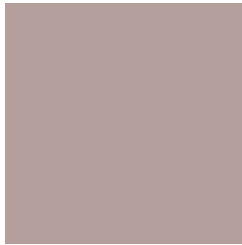
0, 72, 153



0, 12, 26

Previews

White Background



This preview shows how the RYB color 180, 159, 156 looks on a white background.

Color Contrast Check

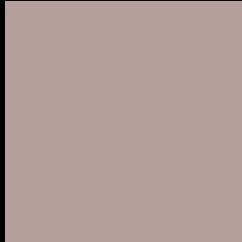
Large Text (above 18pt) WCAG AA × Fail

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 180, 159, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

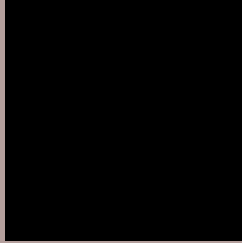
Any Text WCAG AA ✓ Pass

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](#).

RYP 180, 159, 156 Background



This preview shows how black text looks on a background with the RYP color 180, 159, 156.



This preview shows how white text looks on a background with the RYP color 180, 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
180, 159, 156

Protanopia
168, 168, 158

Deuteranopia
182, 158, 156



Tritanopia
182, 157, 169

Trichromacy



Original Color

180, 159, 156

Protanomaly

172, 162, 157

Deuteranomaly

181, 158, 156

Tritanomaly

181, 158, 164

Monochromacy



Original Color

180, 159, 156

Achromatopsia

165, 165, 165

Achromatomaly

170, 163, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 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(180, 159, 156) looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 159, 156) }
```

Border

The CSS property to change the border of an element to RYB 180, 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(180, 159, 156) }
```

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

```
.border{ border-color:rgb(180, 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(180, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(180, 159,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 180, 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(180, 159, 156) }
```

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

```
.background{ background-color: rgb(180,  
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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