

Converting Colors

`RYB(156, 180, 169)`

Have a look what the booklet for
RYB(156, 180, 169) contains.

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Color

R_YB(156, 180, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A7B49C
RGB	167, 180, 156
RGB Percent	65%, 71%, 61%
CMY	0.3451, 0.2941, 0.3882
CMYK	0.07, 0.00, 0.13, 0.29
HSL	93°, 14%, 66%
HSV	93°, 13%, 71%
XYZ	38.2584, 43.2583, 37.7857
YIQ	173.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

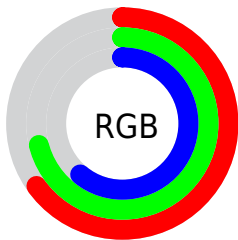
Format	Color
RYB	156, 180, 169
Decimal	10990748
CIELab	71.73, -8.97, 10.71
CIELCh	72, 13.973, 129.945
Yxy	43.2583, 0.3207, 0.3626
Android (android.graphics.Color)	4289180828 (0xFFA7B49C)
YUV	173.3770, -8.5669, -5.5926
Hunter-Lab	65.7710, -11.2677, 11.9774

Details

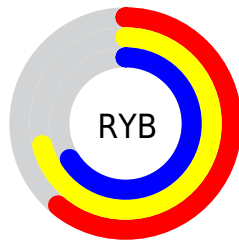
The RYB color **156, 180, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 156, 180**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **211, 236, 225**, and **105, 127, 117** is the 20% darker color. If you saturate the color by 10%, you get **138, 180, 161**, and if you desaturate by 10%, it is **174, 180, 177**.

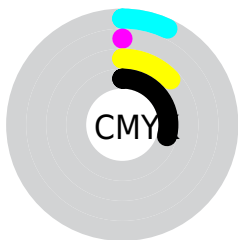
Distribution



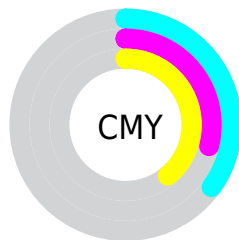
- Red (65%)
- Green (71%)
- Blue (61%)



- Red (61%)
- Yellow (71%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 180, 169 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 156, 180, 169 by changing the saturation by 10% instead.

 156, 180, 169


255, 255, 255

 211, 236, 225

 239, 255, 243

 156, 180, 169

 130, 153, 142

 105, 127, 117

 81, 102, 93

 58, 78, 69

 36, 55, 47

 15, 34, 25

 0, 12, 12


 0, 0, 0

 156, 180, 169


 156, 180, 169

 138, 180, 161


 174, 180, 177

 120, 180, 153


 187, 180, 192

 102, 180, 144


 196, 180, 210

 84, 180, 136


 206, 180, 228

 66, 180, 128


 216, 180, 246

 48, 180, 120


 226, 180, 255

 30, 180, 111

 235, 180, 255

 12, 180, 103

 245, 180, 255

 0, 180, 98

 255, 180, 255

Harmonies

Analogous

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



158, 182, 151



156, 180, 169



153, 173, 183

Triad

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



156, 180, 169



152, 169, 199



203, 167, 172

Complementary

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



156, 180, 169



169, 156, 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.



196, 168, 185



156, 180, 169



167, 173, 201

Square

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



156, 180, 169



144, 165, 192



183, 171, 195



202, 171, 160

Rectangle

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



156, 180, 169



147, 167, 183



183, 171, 195



201, 167, 176

Sweetspot

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



156, 180, 169



225, 235, 230



176, 180, 156



111, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



156, 180, 169



197, 235, 218



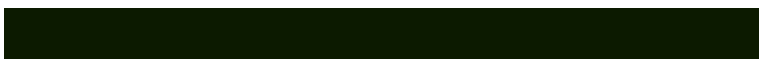
156, 179, 180



80, 89, 85



0, 153, 83



0, 26, 14

Inverse Universe

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



169, 156, 180



217, 197, 235



180, 156, 179



85, 80, 89



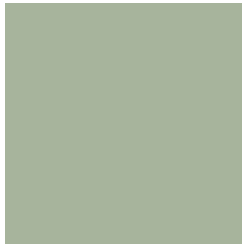
83, 0, 153



14, 0, 26

Previews

White Background



This preview shows how the RYB color 156, 180, 169 looks on a white background.

Color Contrast Check

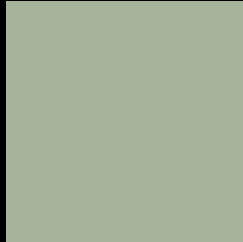
Large Text (above 18pt) WCAG AA × Fail

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 156, 180, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

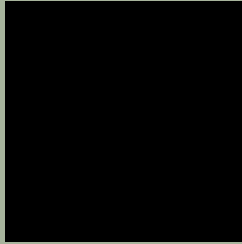
Any Text WCAG AA ✓ Pass

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 156, 180, 169 Background



This preview shows how black text looks on a background with the RYB color 156, 180, 169.



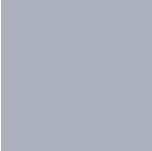
This preview shows how white text looks on a background with the RYB color 156, 180, 169.

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

172, 175, 189

Trichromacy



Original Color
156, 180, 169

Protanomaly
155, 178, 154

Deuteranomaly
183, 187, 157

Tritanomaly
170, 174, 177

Monochromacy



Original Color
156, 180, 169

Achromatopsia
173, 173, 173

Achromatomaly
167, 176, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 180, 169 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(167, 180, 156) looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 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(167, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 180, 169 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(167, 180, 156) }
```

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

```
.border{ border-color:rgb(167, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(167, 180,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 180, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 156) }
```

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

```
.background{ background-color: rgb(167,  
180, 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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