

Converting Colors

`RYB(156, 175, 169)`

Have a look what the booklet for
RYB(156, 175, 169) contains.

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Color

R_YB(156, 175, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A2AF9C
RGB	162, 175, 156
RGB Percent	64%, 69%, 61%
CMY	0.3647, 0.3137, 0.3882
CMYK	0.07, 0.00, 0.11, 0.31
HSL	101°, 11%, 65%
HSV	101°, 11%, 69%
XYZ	36.2310, 40.7416, 37.4068
YIQ	168.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

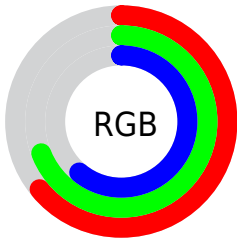
Format	Color
RYB	156, 175, 169
Decimal	10661788
CIELab	69.99, -8.13, 8.19
CIELCh	70, 11.541, 134.785
Yxy	40.7416, 0.3168, 0.3562
Android (android.graphics.Color)	4288851868 (0xFFA2AF9C)
YUV	168.9470, -6.3829, -6.0925
Hunter-Lab	63.8292, -10.3800, 9.9337

Details

The RYB color **156, 175, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 156, 175**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **210, 231, 224**, and **105, 123, 118** is the 20% darker color. If you saturate the color by 10%, you get **139, 175, 164**, and if you desaturate by 10%, it is **174, 175, 175**.

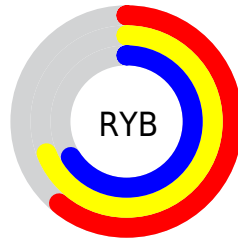
Distribution



Red (64%)

Green (69%)

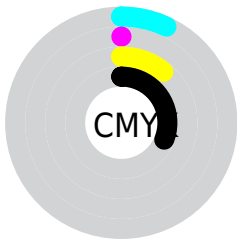
Blue (61%)



Red (61%)

Yellow (69%)

Blue (66%)

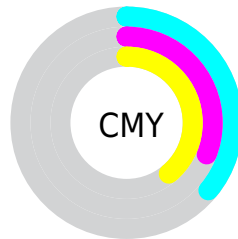


Cyan (7%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (36%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 175, 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, 175, 169 by changing the saturation by 10% instead.

 156, 175, 169


255, 255, 255


 210, 231, 224


 239, 255, 249

 156, 175, 169

 130, 148, 142

 105, 123, 118


 81, 98, 93

 58, 74, 69

 36, 51, 46


 15, 30, 25


 0, 0, 0

 156, 175, 169


 139, 175, 164


 156, 175, 169


 174, 175, 175


 121, 175, 158


 186, 175, 191


 104, 175, 153


 198, 175, 209

 86, 175, 147


 210, 175, 226

 69, 175, 142


 222, 175, 244

 51, 175, 136

 234, 175, 255

 34, 175, 131

 246, 175, 255

 16, 175, 125

 255, 175, 255

 0, 175, 120

Harmonies

Analogous

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



153, 174, 151



156, 175, 169



151, 168, 177

Triad

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



156, 175, 169



154, 167, 191



194, 164, 166

Complementary

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



156, 175, 169



169, 156, 175

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.



189, 165, 177



156, 175, 169



166, 169, 191

Square

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



156, 175, 169



146, 163, 185



179, 167, 186



192, 169, 157

Rectangle

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



156, 175, 169



147, 163, 177



179, 167, 186



193, 164, 170

Sweetspot

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



156, 175, 169



220, 227, 225



165, 175, 156



110, 115, 113



242, 242, 242



115, 115, 115

Same Dimension

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



156, 175, 169



197, 227, 217



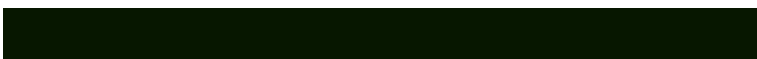
156, 172, 175



78, 87, 84



0, 150, 102



0, 23, 16

Inverse Universe

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



169, 156, 175



218, 197, 227



175, 156, 172



84, 78, 87



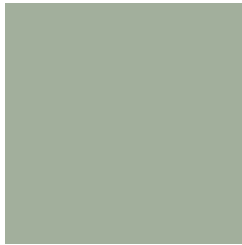
103, 0, 150



16, 0, 23

Previews

White Background



This preview shows how the RYB color 156, 175, 169 looks on a white background.

Color Contrast Check

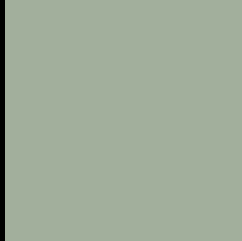
Large Text (above 18pt) WCAG AA × Fail

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, 175, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

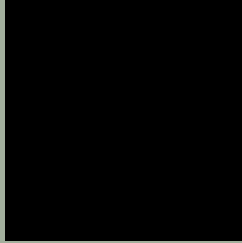
Any Text WCAG AA ✓ Pass

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, 175, 169 Background



This preview shows how black text looks on a background with the RYB color 156, 175, 169.



This preview shows how white text looks on a background with the RYB color 156, 175, 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](#).

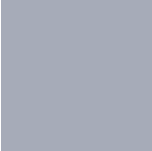
Dichromacy



Original Color
156, 175, 169

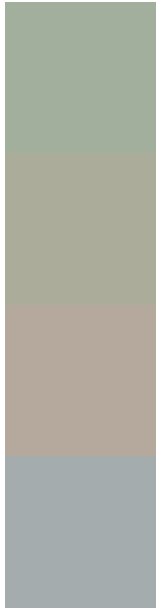
Protanopia
166, 178, 154

Deuteranopia
192, 167, 158



Tritanopia
166, 170, 184

Trichromacy



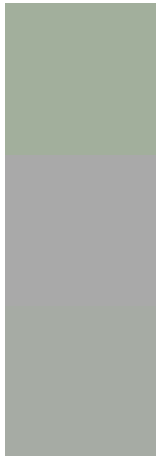
Original Color
156, 175, 169

Protanomaly
155, 172, 155

Deuteranomaly
181, 181, 157

Tritanomaly
165, 169, 174

Monochromacy



Original Color
156, 175, 169

Achromatopsia
169, 169, 169

Achromatomaly
164, 171, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 175, 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(162, 175, 156) looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 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(162, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 175, 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(162, 175, 156) }
```

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

```
.border{ border-color:rgb(162, 175, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 175, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 156) }
```

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

```
.background{ background-color: rgb(162,  
175, 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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