

Converting Colors

`RYB(156, 175, 161)`

Have a look what the booklet for
RYB(156, 175, 161) contains.

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Color

R_YB(156, 175, 161)

Conversions

Conversions Part 1

Format	Color
Hex	AAAF9C
RGB	170, 175, 156
RGB Percent	67%, 69%, 61%
CMY	0.3333, 0.3137, 0.3882
CMYK	0.03, 0.00, 0.11, 0.31
HSL	76°, 11%, 65%
HSV	76°, 11%, 69%
XYZ	37.9083, 41.6063, 37.4853
YIQ	171.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

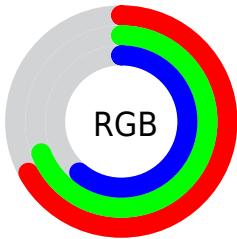
Format	Color
RYB	156, 175, 161
Decimal	11186076
CIELab	70.60, -5.22, 9.14
CIElCh	71, 10.523, 119.764
Yxy	41.6063, 0.3240, 0.3556
Android (android.graphics.Color)	4289376156 (0xFFAAAF9C)
YUV	171.3390, -7.5621, -1.1743
Hunter-Lab	64.5029, -7.9759, 10.6962

Details

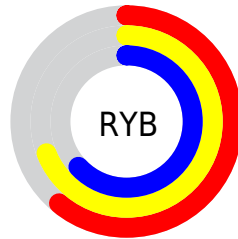
The RYB color **156, 175, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161, 156, 175**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **210, 231, 216**, and **105, 123, 110** is the 20% darker color. If you saturate the color by 10%, you get **139, 175, 149**, and if you desaturate by 10%, it is **174, 175, 174**.

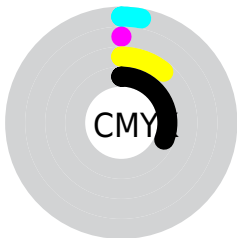
Distribution



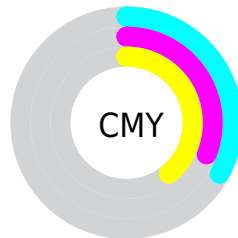
- Red (67%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 175, 161 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, 161 by changing the saturation by 10% instead.

 156, 175, 161

255, 255, 255


 210, 231, 216

 239, 255, 240

 156, 175, 161

 130, 148, 135

 105, 123, 110

 81, 98, 86

 58, 74, 63

 36, 51, 40

 15, 30, 19

 0, 4, 4

 0, 0, 0

 156, 175, 161

 156, 175, 161

■ 139, 175, 149

■ 174, 175, 174

■ 121, 175, 135

■ 179, 175, 191

■ 104, 175, 123

■ 184, 175, 209

■ 86, 175, 109

■ 188, 175, 226

■ 69, 175, 97

■ 193, 175, 244

■ 51, 175, 84

■ 198, 175, 255

■ 34, 175, 71

■ 202, 175, 255

■ 16, 175, 58

■ 207, 175, 255

■ 0, 175, 46

■ 211, 175, 255

Harmonies

Analogous

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



168, 181, 154



156, 175, 161



159, 174, 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, 161



153, 167, 189



192, 166, 173

Complementary

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



156, 175, 161



161, 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.



185, 168, 182



156, 175, 161



163, 170, 192

Square

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



156, 175, 161



149, 164, 182



175, 170, 189



193, 167, 164

Rectangle

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



156, 175, 161



153, 168, 178



175, 170, 189



190, 167, 176

Sweetspot

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



156, 175, 161



220, 227, 222



175, 163, 156



110, 115, 111



242, 242, 242



115, 115, 115

Same Dimension

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



156, 175, 161



197, 227, 205



156, 175, 170



78, 87, 81



0, 150, 39



0, 23, 6

Inverse Universe

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



161, 156, 175



205, 197, 227



170, 156, 175



80, 78, 87



40, 0, 150



6, 0, 23

Previews

White Background



This preview shows how the RYB color 156, 175, 161 looks on a white background.

Color Contrast Check

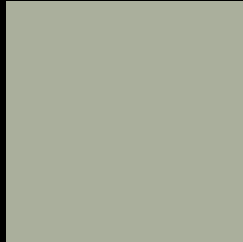
Large Text (above 18pt) WCAG AA × Fail

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, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

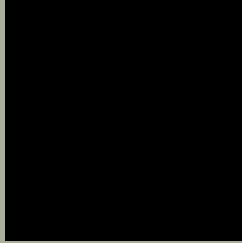
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

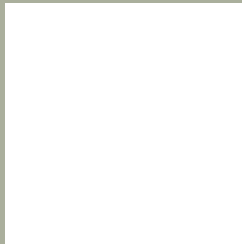
Any Text WCAG AAA ✓ Pass

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

RYB 156, 175, 161 Background



This preview shows how black text looks on a background with the RYB color 156, 175, 161.



This preview shows how white text looks on a background with the RYB color 156, 175, 161.

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, 161

Protanopia
166, 180, 154

Deuteranopia
195, 168, 158



Tritanopia

174, 171, 184

Trichromacy



Original Color

156, 175, 161

Protanomaly

159, 176, 155

Deuteranomaly

186, 177, 157

Tritanomaly

173, 172, 174

Monochromacy



Original Color

156, 175, 161

Achromatopsia

171, 171, 171

Achromatomaly

166, 172, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 175, 161 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(170, 175, 156) looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 156) }
```

Border

The CSS property to change the border of an element to RYB 156, 175, 161 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(170, 175, 156) }
```

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

```
.border{ border-color:rgb(170, 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(170, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 156, 175, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 156) }
```

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

```
.background{ background-color: rgb(170,  
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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