

Converting Colors

`RYB(156, 170, 177)`

Have a look what the booklet for RYB(156, 170, 177) contains.

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Color

`RYB(156, 170, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	9CB1A7
RGB	156, 177, 167
RGB Percent	61%, 69%, 65%
CMY	0.3882, 0.3059, 0.3471
CMYK	0.12, 0.00, 0.06, 0.31
HSL	150°, 12%, 65%
HSV	150°, 12%, 69%
XYZ	36.3613, 41.2838, 42.3695
YIQ	169.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

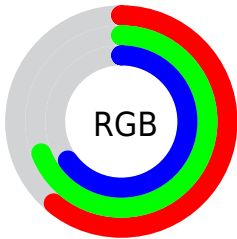
Format	Color
RYB	156, 170, 177
Decimal	10269095
CIELab	70.37, -9.33, 2.91
CIElCh	70, 9.775, 162.698
Yxy	41.2838, 0.3030, 0.3440
Android (android.graphics.Color)	4288459175 (0xFF9CB1A7)
YUV	169.5810, -1.2724, -11.9105
Hunter-Lab	64.2524, -11.4262, 5.8796

Details

The RYB color **156, 170, 177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **177, 156, 167**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **211, 226, 233**, and **105, 117, 124** is the 20% darker color. If you saturate the color by 10%, you get **138, 164, 177**, and if you desaturate by 10%, it is **174, 176, 177**.

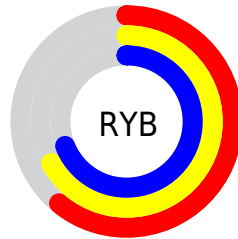
Distribution



Red (61%)

Green (69%)

Blue (65%)



Red (61%)

Yellow (67%)

Blue (69%)

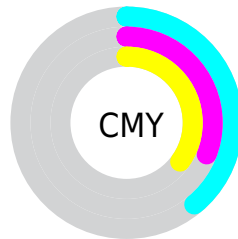


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 170, 177 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, 170, 177 by changing the saturation by 10% instead.

 156, 170, 177


255, 255, 255


 211, 226, 233

 239, 248, 255

 156, 170, 177

 130, 143, 150

 105, 117, 124

 80, 92, 99

 57, 69, 76

 35, 47, 53

 15, 26, 32


 0, 3, 3


 0, 0, 0


 156, 170, 177


 156, 170, 177

 138, 164, 177


 174, 176, 177

 121, 158, 177


 191, 177, 184

 103, 152, 177


 209, 177, 193

 85, 146, 177


 227, 177, 202

 68, 141, 177


 245, 177, 211

 50, 135, 177


 255, 177, 220

 32, 128, 177

 255, 177, 228

 14, 122, 177

 255, 177, 237

 0, 118, 177

 255, 177, 246

Harmonies

Analogous

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



159, 175, 169



156, 170, 177



151, 164, 177

Triad

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



156, 170, 177



168, 171, 189



190, 169, 160

Complementary

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



156, 170, 177



177, 156, 167

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.



191, 166, 169



156, 170, 177



178, 169, 185

Square

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



156, 170, 177



157, 168, 189



187, 167, 178



185, 185, 155

Rectangle

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



156, 170, 177



150, 164, 181



187, 167, 178



191, 168, 163

Sweetspot

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



156, 170, 177



220, 227, 230



156, 177, 166



109, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



156, 170, 177



197, 219, 230



156, 167, 177



80, 86, 89



0, 102, 153



0, 17, 26

Inverse Universe

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



177, 156, 167



230, 197, 213



177, 156, 156



89, 80, 85



153, 0, 77



26, 0, 13

Previews

White Background



This preview shows how the RYB color 156, 170, 177 looks on a white background.

Color Contrast Check

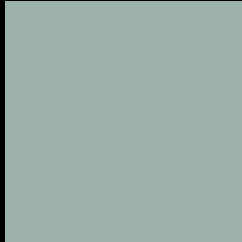
Large Text (above 18pt) WCAG AA × Fail

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, 170, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

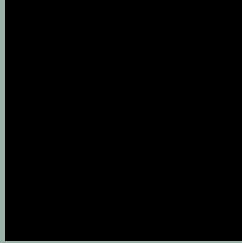
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

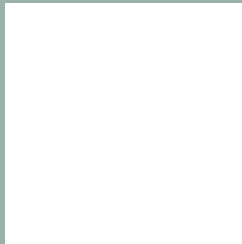
Any Text WCAG AAA ✓ Pass

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

RYB 156, 170, 177 Background



This preview shows how black text looks on a background with the RYB color 156, 170, 177.



This preview shows how white text looks on a background with the RYB color 156, 170, 177.

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](#).

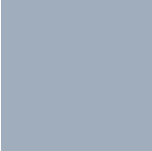
Dichromacy



Original Color
156, 170, 177

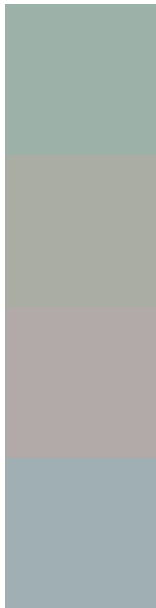
Protanopia
174, 177, 163

Deuteranopia
189, 166, 169



Tritanopia
160, 169, 188

Trichromacy



Original Color

156, 170, 177

Protanomaly

164, 173, 168

Deuteranomaly

177, 171, 168

Tritanomaly

159, 168, 180

Monochromacy



Original Color

156, 170, 177

Achromatopsia

170, 170, 170

Achromatomaly

165, 170, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 170, 177 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(156, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 177, 167)  
}
```

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(156, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 177, 167) }
```

Border

The CSS property to change the border of an element to RYB 156, 170, 177 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(156, 177, 167) }
```

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

```
.border{ border-color:rgb(156, 177, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 177,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 156, 170, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 177, 167) }
```

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

```
.background{ background-color: rgb(156,  
177, 167) }
```

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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