

Converting Colors

`RYB(156, 170, 192)`

Have a look what the booklet for
RYB(156, 170, 192) contains.

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Color

$\text{RYB}(156, 170, 192)$

Conversions

Conversions Part 1

Format	Color
Hex	9CB3C0
RGB	156, 179, 192
RGB Percent	61%, 70%, 75%
CMY	0.3882, 0.2984, 0.2471
CMYK	0.19, 0.07, 0.00, 0.25
HSL	202°, 22%, 68%
HSV	202°, 19%, 75%
XYZ	39.3266, 43.0775, 56.1112
YIQ	173.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

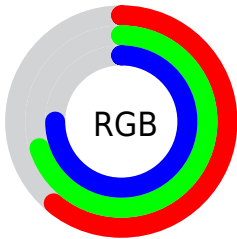
Format	Color
R_{YB}	156, 170, 192
Decimal	10269632
CIE _{Lab}	71.61, -5.04, -9.30
CIE _{LCh}	72, 10.577, 241.549
Yxy	43.0775, 0.2839, 0.3110
Android (android.graphics.Color)	4288459712 (0xFF9CB3C0)
YUV	173.6050, 9.0687, -15.4396
Hunter-Lab	65.6334, -7.9038, -4.7447

Details

The RYB color **156, 170, 192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **192, 176, 156**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **211, 226, 248**, and **104, 118, 139** is the 20% darker color. If you saturate the color by 10%, you get **137, 158, 192**, and if you desaturate by 10%, it is **175, 182, 192**.

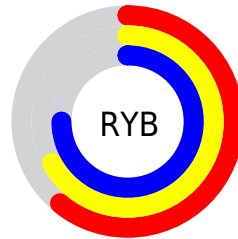
Distribution



Red (61%)

Green (70%)

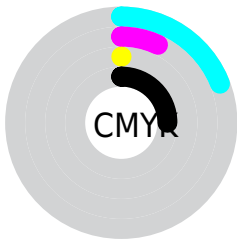
Blue (75%)



Red (61%)

Yellow (67%)

Blue (75%)

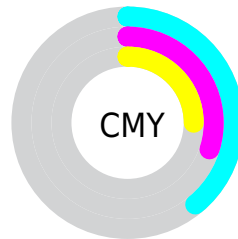


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 170, 192 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, 192 by changing the saturation by 10% instead.


 156, 170, 192


255, 255, 255


 211, 226, 248

 239, 247, 255

 156, 170, 192


 130, 144, 165

 104, 118, 139

 80, 93, 113

 56, 69, 89


 33, 46, 65

 11, 24, 43

 0, 7, 23

 0, 0, 0

 156, 170, 192

 156, 170, 192

■ 137, 158, 192

■ 175, 182, 192

■ 118, 147, 192

■ 194, 194, 192

■ 98, 135, 192

■ 214, 205, 192

■ 79, 123, 192

■ 233, 216, 192

■ 60, 111, 192

■ 252, 227, 192

■ 41, 100, 192

■ 255, 246, 192

■ 22, 88, 192

■ 239, 255, 192

■ 2, 76, 192

■ 221, 255, 192

■ 0, 75, 192

■ 208, 255, 192

Harmonies

Analogous

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



151, 167, 185



156, 170, 192



166, 173, 194

Triad

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



156, 170, 192



195, 169, 175



159, 178, 165

Complementary

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



156, 170, 192



192, 176, 156

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.



167, 183, 156



156, 170, 192



196, 171, 166

Square

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



156, 170, 192



189, 170, 185



192, 180, 159



161, 176, 180

Rectangle

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



156, 170, 192



174, 174, 193



192, 180, 159



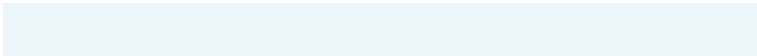
157, 177, 158

Sweetspot

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



156, 170, 192



235, 241, 250



156, 182, 192



116, 120, 125



252, 252, 252



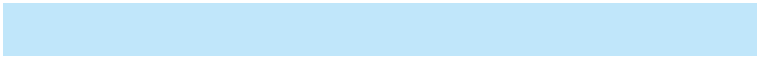
125, 125, 125

Same Dimension

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



156, 170, 192



192, 215, 250



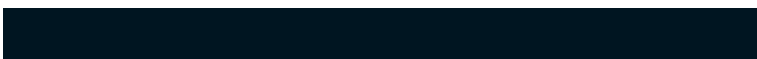
156, 160, 192



87, 91, 97



0, 62, 161



0, 13, 33

Inverse Universe

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



192, 156, 179



250, 192, 229



162, 192, 156



97, 87, 93



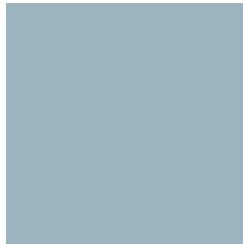
161, 0, 102



33, 0, 21

Previews

White Background



This preview shows how the RYB color 156, 170, 192 looks on a white background.

Color Contrast Check

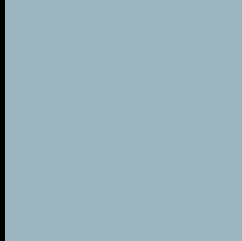
Large Text (above 18pt) WCAG AA × Fail

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, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

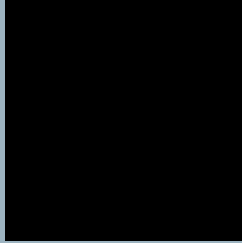
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

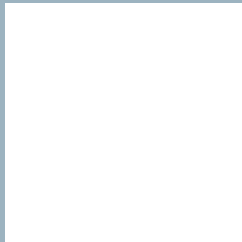
Any Text WCAG AAA ✓ Pass

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

RYB 156, 170, 192 Background



This preview shows how black text looks on a background with the RYB color 156, 170, 192.



This preview shows how white text looks on a background with the RYB color 156, 170, 192.

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, 192

Protanopia
174, 174, 189

Deuteranopia
183, 170, 194



Tritanopia
156, 170, 193

Trichromacy



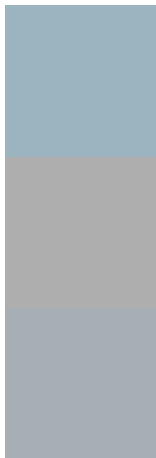
Original Color
156, 170, 192

Protanomaly
167, 173, 190

Deuteranomaly
173, 173, 193

Tritanomaly
156, 170, 193

Monochromacy



Original Color
156, 170, 192

Achromatopsia
174, 174, 174

Achromatomaly
167, 172, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 170, 192 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, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 192)  
}
```

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, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 192) }
```

Border

The CSS property to change the border of an element to RYB 156, 170, 192 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, 179, 192) }
```

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

```
.border{ border-color:rgb(156, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(156, 179,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 156, 170, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 192) }
```

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

```
.background{ background-color: rgb(156,  
179, 192) }
```

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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