

Converting Colors

`RYB(139, 157, 180)`

Have a look what the booklet for
RYB(139, 157, 180) contains.

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Color

R_YB(139, 157, 180)

Conversions

Conversions Part 1

Format	Color
Hex	8BABB4
RGB	139, 171, 180
RGB Percent	55%, 67%, 71%
CMY	0.4549, 0.3291, 0.2941
CMYK	0.23, 0.05, 0.00, 0.29
HSL	193°, 21%, 63%
HSV	193°, 23%, 71%
XYZ	33.4650, 37.9429, 48.7399
YIQ	162.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

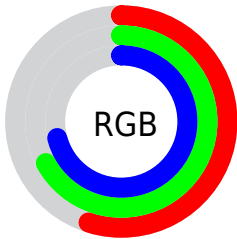
Format	Color
RYB	139, 157, 180
Decimal	9153460
CIELab	67.98, -8.91, -8.20
CIElCh	68, 12.112, 222.627
Yxy	37.9429, 0.2785, 0.3158
Android (android.graphics.Color)	4287343540 (0xFF8BABB4)
YUV	162.4580, 8.6482, -20.5727
Hunter-Lab	61.5978, -10.8203, -3.7954

Details

The RYB color **139, 157, 180** is a light color, and the websafe version is hex **669999**. A complement of this color would be **180, 151, 139**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **193, 212, 236**, and **88, 105, 127** is the 20% darker color. If you saturate the color by 10%, you get **121, 147, 180**, and if you desaturate by 10%, it is **157, 167, 180**.

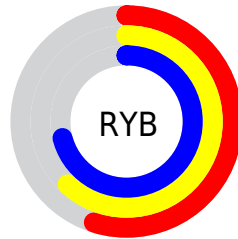
Distribution



Red (55%)

Green (67%)

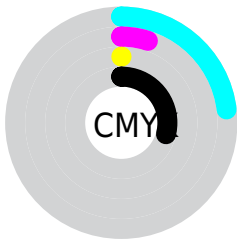
Blue (71%)



Red (55%)

Yellow (62%)

Blue (71%)

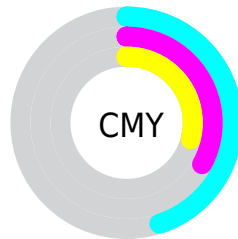


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (45%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 157, 180 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 139, 157, 180 by changing the saturation by 10% instead.

 139, 157, 180

255, 255, 255

 193, 212, 236

 221, 238, 255

 250, 253, 255

 139, 157, 180

 113, 131, 153

 88, 105, 127

 64, 81, 102

 40, 57, 78

 16, 34, 55

 0, 15, 34

 0, 0, 11

 0, 0, 0

 139, 157, 180

 139, 157, 180

■ 121, 147, 180

■ 157, 167, 180

■ 103, 137, 180

■ 175, 177, 180

■ 85, 127, 180

■ 193, 184, 180

■ 67, 116, 180

■ 211, 189, 180

■ 49, 107, 180

■ 229, 194, 180

■ 31, 97, 180

■ 247, 199, 180

■ 13, 86, 180

■ 255, 204, 180

■ 0, 79, 180

■ 255, 211, 180

■ 255, 220, 180

Harmonies

Analogous

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



139, 156, 172



139, 157, 180



147, 161, 186

Triad

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



139, 157, 180



184, 159, 172



149, 170, 144

Complementary

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



139, 157, 180



180, 151, 139

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.



181, 181, 145



139, 157, 180



189, 158, 161

Square

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



139, 157, 180



173, 161, 182



188, 163, 151



149, 170, 162

Rectangle

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



139, 157, 180



155, 163, 187



188, 163, 151



157, 174, 144

Sweetspot

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



139, 157, 180



218, 225, 235



139, 173, 180



108, 112, 117



245, 245, 245



117, 117, 117

Same Dimension

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



139, 157, 180



171, 199, 235



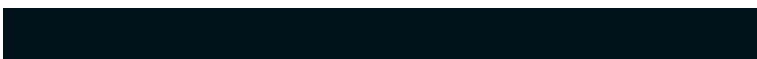
139, 148, 180



80, 84, 89



0, 67, 153



0, 11, 26

Inverse Universe

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



180, 139, 171



235, 171, 221



156, 180, 139



89, 80, 87



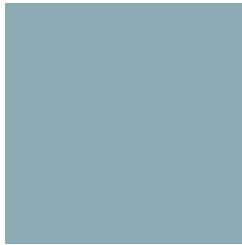
153, 0, 120



26, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 157, 180 looks on a white background.

Color Contrast Check

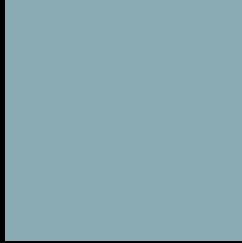
Large Text (above 18pt) WCAG AA × Fail

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 139, 157, 180 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 139, 157, 180 Background



This preview shows how black text looks on a background with the RYB color 139, 157, 180.

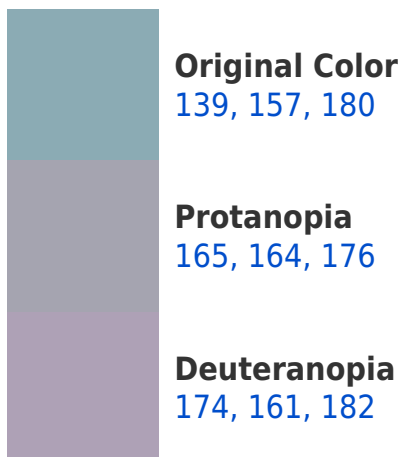


This preview shows how white text looks on a background with the RYB color 139, 157, 180.

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](#).

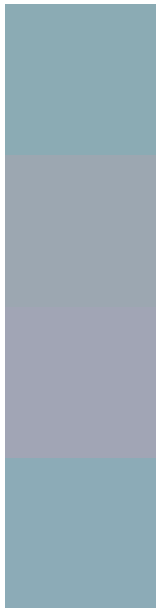
Dichromacy





Tritanopia
140, 158, 184

Trichromacy



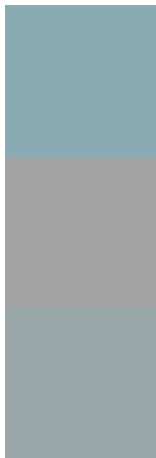
Original Color
139, 157, 180

Protanomaly
156, 163, 177

Deuteranomaly
161, 164, 181

Tritanomaly
140, 158, 183

Monochromacy



Original Color
139, 157, 180

Achromatopsia
163, 163, 163

Achromatomaly
154, 161, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 157, 180 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(139, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 180)  
}
```

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(139, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 180) }
```

Border

The CSS property to change the border of an element to RYB 139, 157, 180 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(139, 171, 180) }
```

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

```
.border{ border-color:rgb(139, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 139, 157, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 180) }
```

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

```
.background{ background-color: rgb(139,  
171, 180) }
```

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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