

Converting Colors

RGB(103, 171, 180)

Have a look what the booklet for
RGB(103, 171, 180) contains.

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Color

RGB(103, 171, 180)

Conversions

Conversions Part 1

Format	Color
Hex	67ABB4
RGB	103, 171, 180
RGB Percent	40%, 67%, 71%
CMY	0.5961, 0.3294, 0.2941
CMYK	0.43, 0.05, 0.00, 0.29
HSL	187°, 34%, 55%
HSV	187°, 43%, 71%
XYZ	28.3946, 35.3047, 48.4979
YIQ	151.6940, -43.4170, -11.6170

Conversions

Conversions Part 2

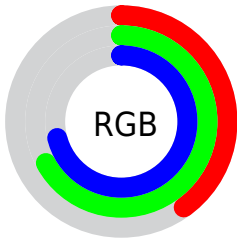
Format	Color
R _Y B	103, 139, 180
Decimal	6794164
CIE _{Lab}	65.99, -19.14, -11.39
CIE _{LCh}	66, 22.267, 210.752
Y _{xy}	35.3047, 0.2531, 0.3147
Android (android.graphics.Color)	4284984244 (0xFF67ABB4)
Y _{UV}	151.6940, 13.9549, -42.7046
Hunter-Lab	59.4177, -18.6792, -6.8013

Details

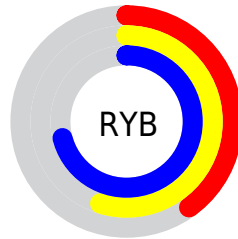
The RGB color **103, 171, 180** is a light color, and the websafe version is hex **669999**. A complement of this color would be **180, 112, 103**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **158, 226, 236**, and **48, 119, 127** is the 20% darker color. If you saturate the color by 10%, you get **85, 169, 180**, and if you desaturate by 10%, it is **121, 173, 180**.

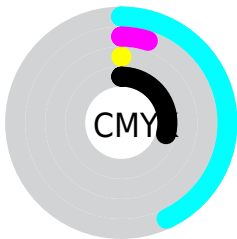
Distribution



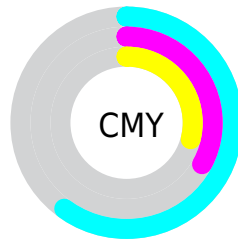
- Red (40%)
- Green (67%)
- Blue (71%)



- Red (40%)
- Yellow (55%)
- Blue (71%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 171, 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 RGB color 103, 171, 180 by changing the saturation by 10% instead.

 103, 171, 180


255, 255, 255


 158, 226, 236


 186, 255, 255

 215, 255, 255

 244, 255, 255

 103, 171, 180

 76, 144, 153

 48, 119, 127

 12, 94, 102

 0, 70, 78

 0, 47, 55

 0, 28, 34

 0, 0, 11

 0, 0, 0

 103, 171, 180

 103, 171, 180

■ 85, 169, 180

■ 121, 173, 180

■ 67, 167, 180

■ 139, 175, 180

■ 49, 165, 180

■ 157, 177, 180

■ 31, 163, 180

■ 175, 179, 180

■ 13, 160, 180

■ 193, 182, 180

■ 0, 159, 180

■ 211, 184, 180

■ 229, 186, 180

■ 247, 188, 180

■ 255, 190, 180

Harmonies

Analogous

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



111, 172, 160



103, 171, 180



113, 168, 195

Triad

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



103, 171, 180



187, 149, 180



175, 159, 121

Complementary

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



103, 171, 180



180, 112, 103

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.



192, 153, 126



103, 171, 180



199, 146, 161

Square

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



103, 171, 180



164, 155, 195



201, 147, 141



153, 165, 126

Rectangle

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



103, 171, 180



128, 164, 199



201, 147, 141



181, 157, 121

Sweetspot

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



103, 171, 180



204, 231, 235



103, 180, 112



99, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



103, 171, 180



115, 221, 235



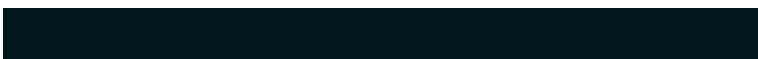
103, 133, 180



80, 88, 89



0, 135, 153



0, 23, 26

Inverse Universe

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



180, 103, 171



235, 115, 221



180, 150, 103



89, 80, 88



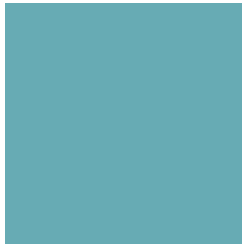
153, 0, 135



26, 0, 23

Previews

White Background



This preview shows how the RGB color 103, 171, 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 RGB color 103, 171, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

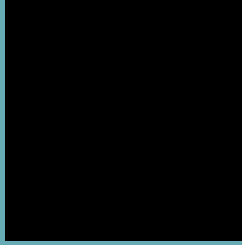
Any Text WCAG AA ✓ Pass

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](#).

RGB 103, 171, 180 Background



This preview shows how black text looks on a background with the RGB color 103, 171, 180.

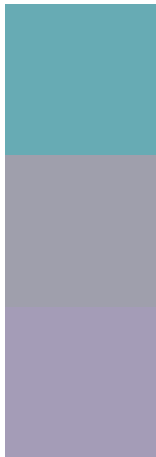


This preview shows how white text looks on a background with the RGB color 103, 171, 180.

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



Original Color
103, 171, 180

Protanopia
159, 159, 172

Deuteranopia
164, 156, 183



Tritanopia
104, 170, 184

Trichromacy



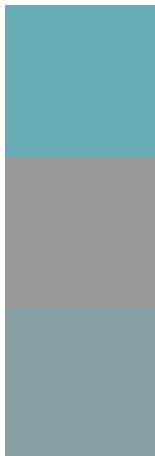
Original Color
103, 171, 180

Protanomaly
139, 163, 175

Deuteranomaly
142, 161, 182

Tritanomaly
104, 170, 183

Monochromacy



Original Color
103, 171, 180

Achromatopsia
152, 152, 152

Achromatomaly
134, 159, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 171, 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(103, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 180) }
```

Border

The CSS property to change the border of an element to RGB 103, 171, 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(103, 171, 180) }
```

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

```
.border{ border-color:rgb(103, 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(103, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 103, 171, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 171, 180) }
```

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

```
.background{ background-color: rgb(103,  
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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