

Converting Colors

RGB(119, 171, 171)

Have a look what the booklet for
RGB(119, 171, 171) contains.

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Color

RGB(119, 171, 171)

Conversions

Conversions Part 1

Format	Color
Hex	77ABAB
RGB	119, 171, 171
RGB Percent	47%, 67%, 67%
CMY	0.5333, 0.3294, 0.3294
CMYK	0.30, 0.00, 0.00, 0.33
HSL	180°, 24%, 57%
HSV	180°, 30%, 67%
XYZ	29.5213, 35.9880, 43.9185
YIQ	155.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

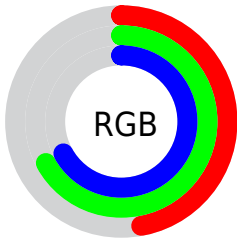
Format	Color
R _Y B	119, 145, 171
Decimal	7842731
CIE Lab	66.51, -17.04, -5.51
CIE LCh	67, 17.907, 197.928
Yxy	35.9880, 0.2698, 0.3289
Android (android.graphics.Color)	4286032811 (0xFF77ABAB)
YUV	155.4520, 7.6652, -31.9684
Hunter-Lab	59.9900, -17.1419, -1.4130

Details

The RGB color **119, 171, 171** is a light color, and the websafe version is hex **669999**. A complement of this color would be **171, 119, 119**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **173, 226, 226**, and **68, 119, 119** is the 20% darker color. If you saturate the color by 10%, you get **102, 171, 171**, and if you desaturate by 10%, it is **136, 171, 171**.

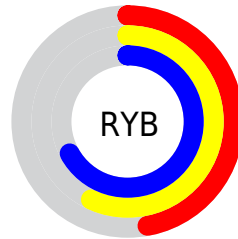
Distribution



Red (47%)

Green (67%)

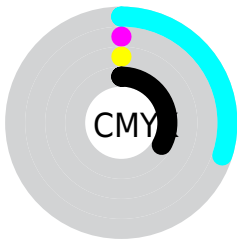
Blue (67%)



Red (47%)

Yellow (57%)

Blue (67%)

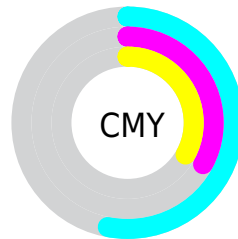


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 171, 171 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 119, 171, 171 by changing the saturation by 10% instead.

 119, 171, 171


255, 255, 255


 173, 226, 226

 201, 255, 255

 229, 255, 255

 119, 171, 171

 93, 144, 145

 68, 119, 119

 42, 94, 94

 14, 70, 71

 0, 47, 48


 0, 28, 27

 0, 0, 0

 119, 171, 171

 102, 171, 171

 119, 171, 171

 136, 171, 171

■ 85, 171, 171

■ 153, 171, 171

■ 68, 171, 171

■ 170, 171, 171

■ 51, 171, 171

■ 187, 171, 171

■ 33, 171, 171

■ 204, 171, 171

■ 16, 171, 171

■ 222, 171, 171

■ 0, 171, 171

■ 239, 171, 171

■ 255, 171, 171

Harmonies

Analogous

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



129, 171, 154



119, 171, 171



121, 169, 185

Triad

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



119, 171, 171



176, 155, 183



180, 158, 131

Complementary

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



119, 171, 171



171, 119, 119

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, 154, 139



119, 171, 171



190, 151, 169

Square

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



119, 171, 171



156, 160, 192



195, 151, 153



164, 164, 131

Rectangle

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



119, 171, 171



130, 167, 191



195, 151, 153



185, 157, 132

Sweetspot

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



119, 171, 171



202, 222, 222



119, 171, 119



100, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



119, 171, 171



142, 222, 222



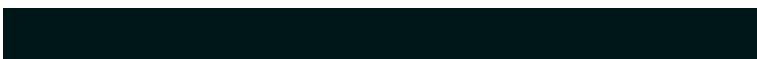
119, 145, 171



78, 87, 87



0, 150, 150



0, 23, 23

Inverse Universe

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



171, 119, 171



222, 142, 222



171, 145, 119



87, 78, 87



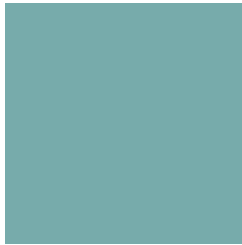
150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RGB color 119, 171, 171 looks on a white background.

Color Contrast Check

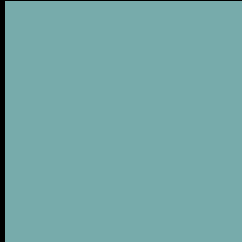
Large Text (above 18pt) WCAG AA × Fail

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 119, 171, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

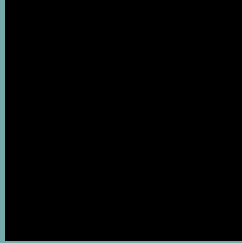
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

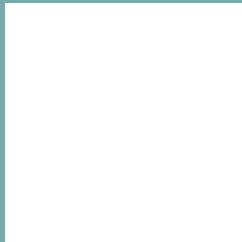
Any Text WCAG AAA ✓ Pass

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

RGB 119, 171, 171 Background



This preview shows how black text looks on a background with the RGB color 119, 171, 171.

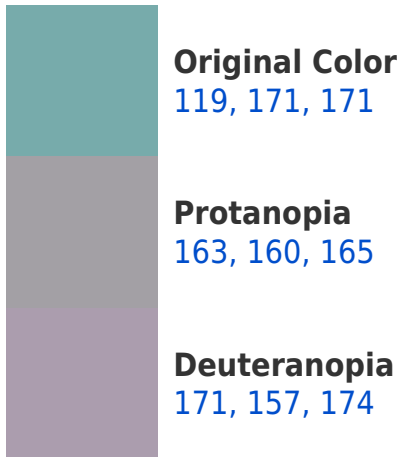



This preview shows how white text looks on a background with the RGB color 119, 171, 171.

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](#).

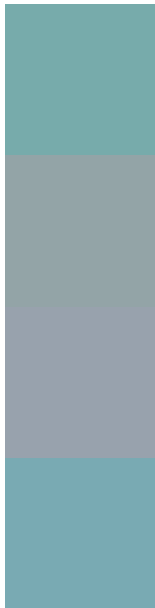
Dichromacy





Tritanopia
122, 169, 183

Trichromacy



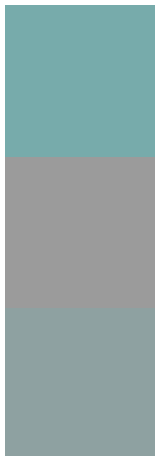
Original Color
119, 171, 171

Protanomaly
147, 164, 167

Deuteranomaly
152, 162, 173

Tritanomaly
121, 170, 179

Monochromacy



Original Color
119, 171, 171

Achromatopsia
155, 155, 155

Achromatomaly
142, 161, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 171, 171 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(119, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(119, 171, 171)  
}
```

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(119, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 171, 171) }
```

Border

The CSS property to change the border of an element to RGB 119, 171, 171 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(119, 171, 171) }
```

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

```
.border{ border-color:rgb(119, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(119, 171,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 119, 171, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 171, 171) }
```

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

```
.background{ background-color: rgb(119,  
171, 171) }
```

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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