

Converting Colors

RGB(77, 159, 171)

Have a look what the booklet for
RGB(77, 159, 171) contains.

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Color

RGB(77, 159, 171)

Conversions

Conversions Part 1

Format	Color
Hex	4D9FAB
RGB	77, 159, 171
RGB Percent	30%, 62%, 67%
CMY	0.6980, 0.3765, 0.3294
CMYK	0.55, 0.07, 0.00, 0.33
HSL	188°, 38%, 49%
HSV	188°, 55%, 67%
XYZ	22.8094, 29.3143, 42.9841
YIQ	135.8500, -52.7240, -13.6520

Conversions

Conversions Part 2

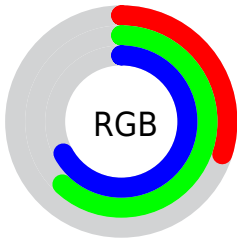
Format	Color
RYB	77, 121, 171
Decimal	5087147
CIELab	61.06, -21.43, -13.86
CIELCh	61, 25.522, 212.887
Yxy	29.3143, 0.2398, 0.3082
Android (android.graphics.Color)	4283277227 (0xFF4D9FAB)
YUV	135.8500, 17.3290, -51.6114
Hunter-Lab	54.1427, -19.5508, -9.1707

Details

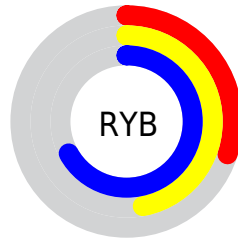
The RGB color **77, 159, 171** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **171, 89, 77**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **134, 214, 226**, and **0, 107, 119** is the 20% darker color. If you saturate the color by 10%, you get **60, 157, 171**, and if you desaturate by 10%, it is **94, 161, 171**.

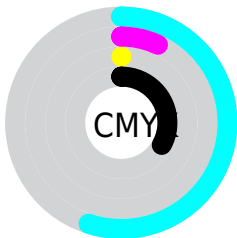
Distribution



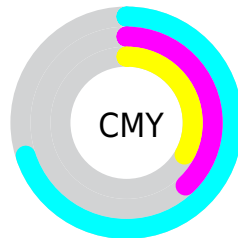
- Red (30%)
- Green (62%)
- Blue (67%)



- Red (30%)
- Yellow (47%)
- Blue (67%)



- Cyan (55%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 77, 159, 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 77, 159, 171 by changing the saturation by 10% instead.

 77, 159, 171  77, 159, 171

255, 255, 255  47, 133, 144

 134, 214, 226  0, 107, 119

 162, 242, 255  0, 83, 94

 191, 255, 255  0, 59, 70

 220, 255, 255  0, 37, 48

 249, 255, 255  0, 9, 28

 0, 0, 0

 77, 159, 171  77, 159, 171

 60, 157, 171  94, 161, 171

■ 43, 155, 171

■ 111, 163, 171

■ 26, 152, 171

■ 128, 166, 171

■ 9, 150, 171

■ 145, 168, 171

■ 0, 149, 171

■ 162, 170, 171

■ 180, 172, 171

■ 197, 174, 171

■ 214, 176, 171

■ 231, 179, 171

Harmonies

Analogous

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



87, 160, 149



77, 159, 171



91, 155, 187

Triad

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



77, 159, 171



178, 134, 168



161, 147, 102

Complementary

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



77, 159, 171



171, 89, 77

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, 139, 108



77, 159, 171



191, 131, 146

Square

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



77, 159, 171



153, 141, 185



192, 133, 124



137, 153, 109

Rectangle

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



77, 159, 171



111, 151, 192



192, 133, 124



168, 144, 103

Sweetspot

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



77, 159, 171



186, 217, 222



77, 171, 88



91, 109, 112



240, 240, 240



112, 112, 112

Same Dimension

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



77, 159, 171



75, 203, 222



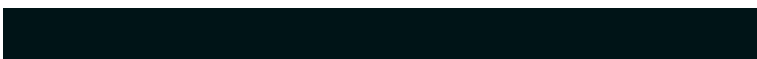
77, 113, 171



78, 86, 87



0, 131, 150



0, 20, 23

Inverse Universe

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



171, 77, 159



222, 75, 203



171, 135, 77



87, 78, 86



150, 0, 131



23, 0, 20

Previews

White Background



This preview shows how the RGB color 77, 159, 171 looks on a white background.

Color Contrast Check

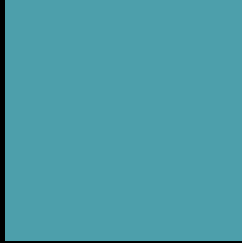
Large Text (above 18pt) WCAG AA ✓ Pass

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 77, 159, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

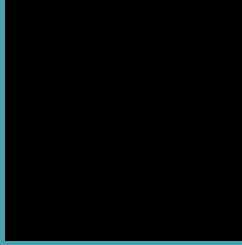
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

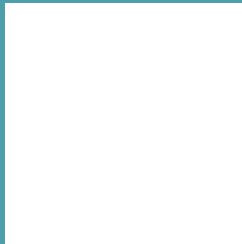
Any Text WCAG AAA × Fail

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

RGB 77, 159, 171 Background



This preview shows how black text looks on a background with the RGB color 77, 159, 171.



This preview shows how white text looks on a background with the RGB color 77, 159, 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



Original Color
77, 159, 171

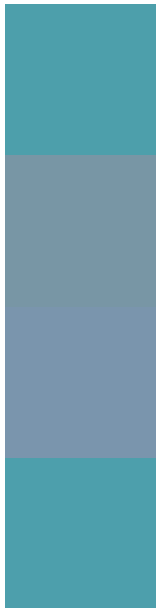
Protanopia
144, 145, 162

Deuteranopia
147, 143, 174



Tritanopia
77, 159, 172

Trichromacy



Original Color
77, 159, 171

Protanomaly
120, 150, 165

Deuteranomaly
122, 149, 173

Tritanomaly
77, 159, 172

Monochromacy



Original Color
77, 159, 171

Achromatopsia
136, 136, 136

Achromatomaly
115, 144, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 77, 159, 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(77, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(77, 159, 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(77, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 159, 171) }
```

Border

The CSS property to change the border of an element to RGB 77, 159, 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(77, 159, 171) }
```

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

```
.border{ border-color:rgb(77, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(77, 159,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 77, 159, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 159, 171) }
```

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

```
.background{ background-color: rgb(77, 159,  
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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