

Converting Colors

RGB(50, 172, 159)

Have a look what the booklet for
RGB(50, 172, 159) contains.

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Color

RGB(50, 172, 159)

Conversions

Conversions Part 1

Format	Color
Hex	32AC9F
RGB	50, 172, 159
RGB Percent	20%, 67%, 62%
CMY	0.8039, 0.3255, 0.3765
CMYK	0.71, 0.00, 0.08, 0.33
HSL	174°, 55%, 44%
HSV	174°, 71%, 67%
XYZ	22.3259, 32.6864, 37.9333
YIQ	134.0400, -68.5390, -29.9070

Conversions

Conversions Part 2

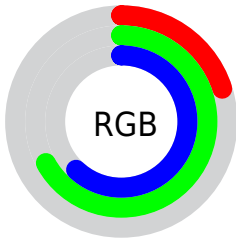
Format	Color
RYB	50, 114, 172
Decimal	3320991
CIELab	63.91, -35.92, -2.96
CIELCh	64, 36.041, 184.711
Yxy	32.6864, 0.2402, 0.3517
Android (android.graphics.Color)	4281511071 (0xFF32AC9F)
YUV	134.0400, 12.3053, -73.7031
Hunter-Lab	57.1720, -30.3459, 0.6818

Details

The RGB color **50, 172, 159** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **172, 50, 63**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **114, 228, 214**, and **0, 119, 108** is the 20% darker color. If you saturate the color by 10%, you get **33, 172, 157**, and if you desaturate by 10%, it is **67, 172, 161**.

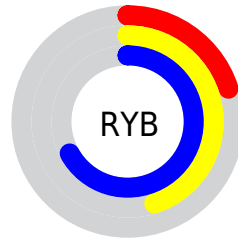
Distribution



Red (20%)

Green (67%)

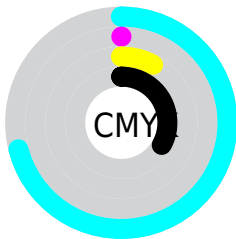
Blue (62%)



Red (20%)

Yellow (45%)

Blue (67%)

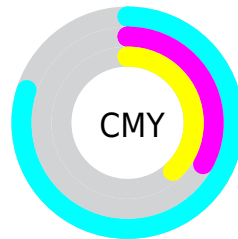


Cyan (71%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (80%)


Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 50, 172, 159 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 50, 172, 159 by changing the saturation by 10% instead.

 50, 172, 159

255, 255, 255


 114, 228, 214

 143, 255, 242


 173, 255, 255


 202, 255, 255

 232, 255, 255

 50, 172, 159

 0, 145, 133

 0, 119, 108


 0, 94, 84


 0, 69, 61


 0, 46, 39


 0, 23, 19

 0, 0, 0

 50, 172, 159

 33, 172, 157

 50, 172, 159

 67, 172, 161

■ 16, 172, 155

■ 84, 172, 163

■ 0, 172, 154

■ 102, 172, 164

■ 119, 172, 166

■ 136, 172, 168

■ 153, 172, 170

■ 170, 172, 172

■ 188, 172, 174

■ 205, 172, 175

Harmonies

Analogous

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



97, 170, 126



50, 172, 159



0, 171, 190

Triad

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



50, 172, 159



165, 145, 208



198, 143, 97

Complementary

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



50, 172, 159



172, 50, 63

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.



215, 134, 120



50, 172, 159



199, 134, 183

Square

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



50, 172, 159



116, 156, 219



216, 130, 151



171, 155, 90

Rectangle

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



50, 172, 159



33, 168, 206



216, 130, 151



205, 140, 103

Sweetspot

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



50, 172, 159



177, 224, 219



64, 172, 50



84, 112, 109



240, 240, 240



112, 112, 112

Same Dimension

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



50, 172, 159



34, 224, 204



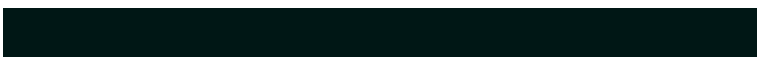
50, 125, 172



78, 87, 86



0, 150, 134



0, 23, 21

Inverse Universe

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



172, 50, 63



224, 34, 54



172, 97, 50



87, 78, 79



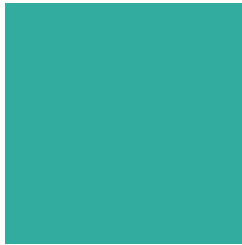
150, 0, 16



23, 0, 2

Previews

White Background



This preview shows how the RGB color 50, 172, 159 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 50, 172, 159 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 50, 172, 159 Background



This preview shows how black text looks on a background with the RGB color 50, 172, 159.



This preview shows how white text looks on a background with the RGB color 50, 172, 159.

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
63, 169, 182

Trichromacy



Original Color

50, 172, 159



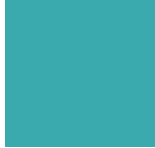
Protanomaly

119, 160, 152



Deuteranomaly

123, 157, 162



Tritanomaly

58, 170, 174

Monochromacy



Original Color

50, 172, 159



Achromatopsia

134, 134, 134



Achromatomaly

103, 148, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 50, 172, 159 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(50, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(50, 172, 159)  
}
```

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(50, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 172, 159) }
```

Border

The CSS property to change the border of an element to RGB 50, 172, 159 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(50, 172, 159) }
```

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

```
.border{ border-color:rgb(50, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(50, 172,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 50, 172, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 172, 159) }
```

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

```
.background{ background-color: rgb(50, 172,  
159) }
```

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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