

Converting Colors

RGB(33, 158, 150)

Have a look what the booklet for
RGB(33, 158, 150) contains.

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Color

RGB(33, 158, 150)

Conversions

Conversions Part 1

Format	Color
Hex	219E96
RGB	33, 158, 150
RGB Percent	13%, 62%, 59%
CMY	0.8706, 0.3804, 0.4118
CMYK	0.79, 0.00, 0.05, 0.38
HSL	176°, 65%, 37%
HSV	176°, 79%, 62%
XYZ	18.3591, 26.9791, 33.0940
YIQ	119.7130, -71.9320, -28.9880

Conversions

Conversions Part 2

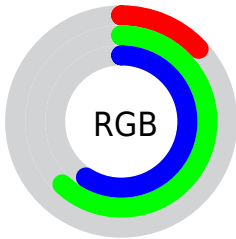
Format	Color
R_{YB}	33, 98, 158
Decimal	2203286
CIE _{Lab}	58.95, -34.05, -5.24
CIE _{LCh}	59, 34.453, 188.744
Yxy	26.9791, 0.2341, 0.3440
Android (android.graphics.Color)	4280393366 (0xFF219E96)
YUV	119.7130, 14.9315, -76.0473
Hunter-Lab	51.9414, -27.8052, -1.4172

Details

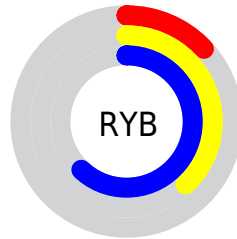
The RGB color **33, 158, 150** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **158, 33, 41**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **101, 213, 204**, and **0, 106, 99** is the 20% darker color. If you saturate the color by 10%, you get **17, 158, 149**, and if you desaturate by 10%, it is **49, 158, 151**.

Distribution



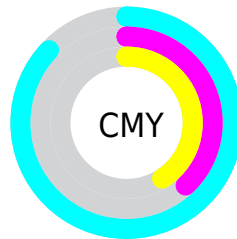
- Red (13%)
- Green (62%)
- Blue (59%)



- Red (13%)
- Yellow (38%)
- Blue (62%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)




- Cyan (87%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 33, 158, 150 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 33, 158, 150 by changing the saturation by 10% instead.

 33, 158, 150  33, 158, 150

255, 255, 255  0, 132, 124

 101, 213, 204  0, 106, 99

 131, 242, 232  0, 81, 76


 160, 255, 255  0, 57, 53

 190, 255, 255  0, 37, 32

 220, 255, 255  0, 0, 8

 250, 255, 255  0, 0, 0

 33, 158, 150  33, 158, 150

 17, 158, 149  49, 158, 151

■ 1, 158, 148

■ 65, 158, 152

■ 0, 158, 148

■ 80, 158, 153

■ 96, 158, 154

■ 112, 158, 155

■ 128, 158, 156

■ 144, 158, 157

■ 159, 158, 158

■ 175, 158, 159

Harmonies

Analogous

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



82, 156, 119



33, 158, 150



0, 156, 179

Triad

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



33, 158, 150



157, 131, 189



180, 133, 86

Complementary

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



33, 158, 150



158, 33, 41

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.



197, 123, 105



33, 158, 150



187, 121, 164

Square

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



33, 158, 150



112, 142, 201



200, 118, 134



153, 143, 81

Rectangle

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



33, 158, 150



32, 153, 193



200, 118, 134



187, 129, 91

Sweetspot

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



33, 158, 150



157, 207, 203



41, 158, 33



74, 105, 103



232, 232, 232



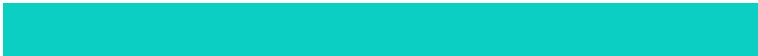
105, 105, 105

Same Dimension

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



33, 158, 150



10, 207, 194



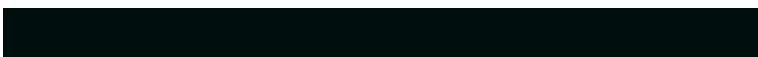
33, 104, 158



71, 79, 79



0, 143, 134



0, 15, 14

Inverse Universe

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



158, 33, 41



207, 10, 23



158, 87, 33



79, 71, 72



143, 0, 9



15, 0, 1

Previews

White Background



This preview shows how the RGB color 33, 158, 150 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 33, 158, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

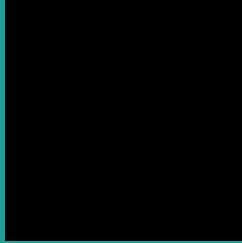
Any Text WCAG AA ✓ Pass

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 33, 158, 150 Background



This preview shows how black text looks on a background with the RGB color 33, 158, 150.



This preview shows how white text looks on a background with the RGB color 33, 158, 150.

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
47, 155, 168

Trichromacy



Original Color

33, 158, 150



Protanomaly

104, 147, 144



Deuteranomaly

106, 145, 153



Tritanomaly

42, 156, 161

Monochromacy



Original Color

33, 158, 150



Achromatopsia

120, 120, 120



Achromatomaly

88, 134, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 33, 158, 150 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(33, 158, 150)` looks like.

```
.text, #text, p{  
    color:rgb(33, 158, 150)  
}
```

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(33, 158, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 158, 150) }
```

Border

The CSS property to change the border of an element to RGB 33, 158, 150 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(33, 158, 150) }
```

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

```
.border{ border-color:rgb(33, 158, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 158, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(33, 158,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 33, 158, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 158, 150) }
```

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

```
.background{ background-color: rgb(33, 158,  
150) }
```

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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