

Converting Colors

RGB(53, 167, 163)

Have a look what the booklet for
RGB(53, 167, 163) contains.

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Color

RGB(53, 167, 163)

Conversions

Conversions Part 1

Format	Color
Hex	35A7A3
RGB	53, 167, 163
RGB Percent	21%, 65%, 64%
CMY	0.7922, 0.3451, 0.3608
CMYK	0.68, 0.00, 0.02, 0.35
HSL	178°, 52%, 43%
HSV	178°, 68%, 65%
XYZ	21.8978, 31.0387, 39.4873
YIQ	132.4580, -66.6600, -25.4120

Conversions

Conversions Part 2

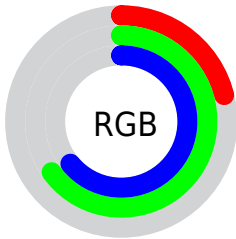
Format	Color
R _{YB}	53, 111, 167
Decimal	3516323
CIE Lab	62.54, -32.02, -7.21
CIE LCh	63, 32.819, 192.692
Yxy	31.0387, 0.2369, 0.3358
Android (android.graphics.Color)	4281706403 (0xFF35A7A3)
YUV	132.4580, 15.0572, -69.6847
Hunter-Lab	55.7124, -27.3371, -3.0243




Details

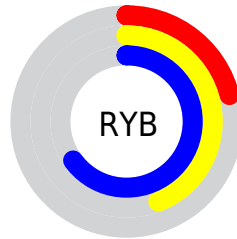
The RGB color **53, 167, 163** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **167, 53, 57**, and the grayscale version is **132, 132, 132**.




A 20% lighter version of the original color is **116, 223, 218**, and **0, 114, 111** is the 20% darker color. If you saturate the color by 10%, you get **36, 167, 162**, and if you desaturate by 10%, it is **70, 167, 164**.

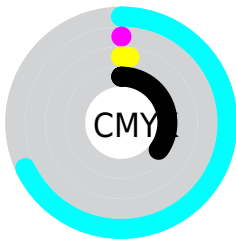
Distribution







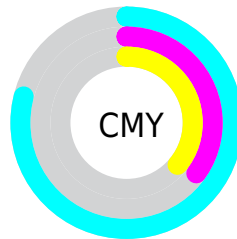
-  Red (21%)
-  Green (65%)
-  Blue (64%)






-  Red (21%)
-  Yellow (44%)
-  Blue (65%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (35%)




-  Cyan (79%)
-  Magenta (35%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 53, 167, 163 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 53, 167, 163 by changing the saturation by 10% instead.

 53, 167, 163

255, 255, 255


 116, 223, 218

 145, 251, 246


 174, 255, 255


 204, 255, 255

 233, 255, 255

 53, 167, 163


 0, 140, 137

 0, 114, 111


 0, 89, 87


 0, 65, 64

 0, 43, 42


 0, 17, 22

 0, 0, 0

 53, 167, 163

 36, 167, 162

 53, 167, 163

 70, 167, 164

■ 20, 167, 162

■ 86, 167, 164

■ 3, 167, 161

■ 103, 167, 165

■ 0, 167, 161

■ 120, 167, 165

■ 137, 167, 166

■ 153, 167, 167

■ 170, 167, 167

■ 187, 167, 168

■ 203, 167, 168

Harmonies

Analogous

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



90, 166, 133



53, 167, 163



42, 165, 190

Triad

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



53, 167, 163



170, 139, 194



185, 144, 96

Complementary

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



53, 167, 163



167, 53, 57

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.



203, 134, 113



53, 167, 163



198, 131, 169

Square

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



53, 167, 163



130, 150, 208



208, 129, 140



158, 153, 94

Rectangle

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



53, 167, 163



66, 161, 202



208, 129, 140



193, 140, 100

Sweetspot

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



53, 167, 163



173, 217, 215



59, 167, 53



83, 110, 109



237, 237, 237



110, 110, 110

Same Dimension

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



53, 167, 163



39, 217, 211



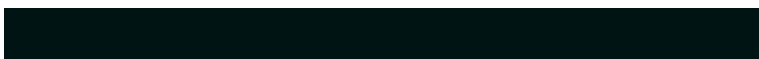
53, 116, 167



76, 84, 84



0, 148, 143



0, 20, 20

Inverse Universe

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



167, 53, 57



217, 39, 45



167, 104, 53



84, 76, 76



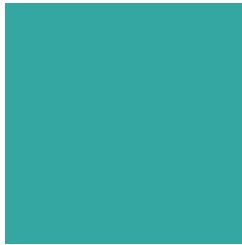
148, 0, 5



20, 0, 1

Previews

White Background



This preview shows how the RGB color 53, 167, 163 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 53, 167, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

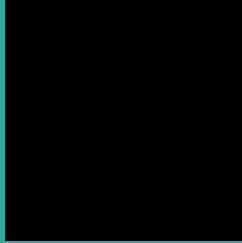
Any Text WCAG AA ✓ Pass

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 53, 167, 163 Background



This preview shows how black text looks on a background with the RGB color 53, 167, 163.

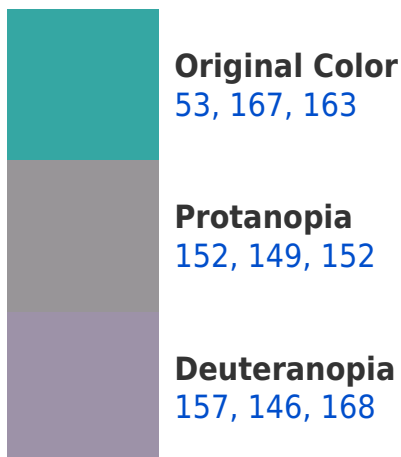


This preview shows how white text looks on a background with the RGB color 53, 167, 163.

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
61, 165, 178

Trichromacy



Original Color

53, 167, 163



Protanomaly

116, 156, 156



Deuteranomaly

119, 154, 166



Tritanomaly

58, 166, 173

Monochromacy



Original Color

53, 167, 163



Achromatopsia

132, 132, 132



Achromatomaly

103, 145, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 53, 167, 163 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(53, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(53, 167, 163)  
}
```

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(53, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 167, 163) }
```

Border

The CSS property to change the border of an element to RGB 53, 167, 163 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(53, 167, 163) }
```

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

```
.border{ border-color:rgb(53, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(53, 167,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 53, 167, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 167, 163) }
```

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

```
.background{ background-color: rgb(53, 167,  
163) }
```

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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