

Converting Colors

RGB(33, 207, 103)

Have a look what the booklet for
RGB(33, 207, 103) contains.

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Color

RGB(33, 207, 103)

Conversions

Conversions Part 1

Format	Color
Hex	21CF67
RGB	33, 207, 103
RGB Percent	13%, 81%, 40%
CMY	0.8706, 0.1882, 0.5961
CMYK	0.84, 0.00, 0.50, 0.19
HSL	144°, 72%, 47%
HSV	144°, 84%, 81%
XYZ	25.3882, 45.9283, 20.3589
YIQ	143.1180, -70.3200, -69.2320

Conversions

Conversions Part 2

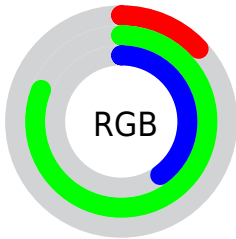
Format	Color
RYB	33, 157, 207
Decimal	2215783
CIELab	73.50, -63.76, 39.94
CIELCh	73, 75.240, 147.935
Yxy	45.9283, 0.2769, 0.5010
Android (android.graphics.Color)	4280405863 (0xFF21CF67)
YUV	143.1180, -19.7782, -96.5735
Hunter-Lab	67.7704, -51.7283, 29.6280

Details

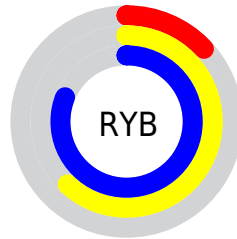
The RGB color **33, 207, 103** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **207, 33, 137**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **111, 255, 156**, and **0, 151, 53** is the 20% darker color. If you saturate the color by 10%, you get **12, 207, 91**, and if you desaturate by 10%, it is **54, 207, 115**.

Distribution



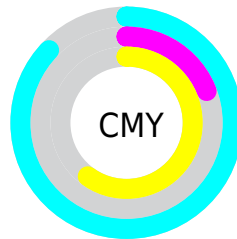
- Red (13%)
- Green (81%)
- Blue (40%)



- Red (13%)
- Yellow (62%)
- Blue (81%)



- Cyan (84%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



















- Cyan (87%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 33, 207, 103 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, 207, 103 by changing the saturation by 10% instead.

 33, 207, 103	 33, 207, 103
 255, 255, 255	 0, 179, 78
 111, 255, 156	 0, 151, 53
 143, 255, 183	 0, 124, 27
 174, 255, 211	 0, 98, 0
 204, 255, 240	 0, 72, 0
 235, 255, 255	 0, 49, 0
	 0, 21, 0
	 0, 0, 0

 33, 207, 103  33, 207, 103

■ 12, 207, 91

■ 54, 207, 115

■ 0, 207, 83

■ 74, 207, 128

■ 95, 207, 140

■ 116, 207, 152

■ 136, 207, 165

■ 157, 207, 177

■ 178, 207, 190

■ 199, 207, 202

■ 219, 207, 214

Harmonies

Analogous

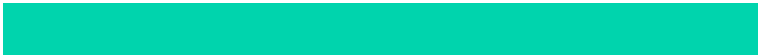
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



151, 195, 41



33, 207, 103



0, 212, 173

Triad

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



33, 207, 103



0, 190, 255



255, 121, 120

Complementary

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



33, 207, 103



207, 33, 137

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.



255, 112, 188



33, 207, 103



170, 164, 255

Square

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



33, 207, 103



0, 206, 255



255, 133, 255



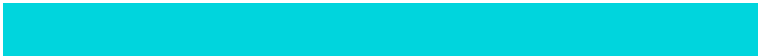
255, 148, 60

Rectangle

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



33, 207, 103



0, 213, 221



255, 133, 255



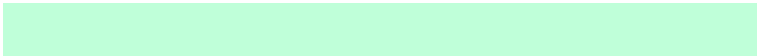
255, 114, 142

Sweetspot

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



33, 207, 103



191, 255, 217



137, 207, 33



89, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



33, 207, 103



0, 255, 103



33, 207, 190



94, 105, 98



0, 168, 68



0, 41, 16

Inverse Universe

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



207, 33, 137



255, 0, 152



207, 33, 50



105, 94, 100



168, 0, 101



41, 0, 24

Previews

White Background



This preview shows how the RGB color 33, 207, 103 looks on a white background.

Color Contrast Check

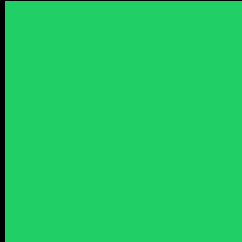
Large Text (above 18pt) WCAG AA × Fail

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 33, 207, 103 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 33, 207, 103 Background



This preview shows how black text looks on a background with the RGB color 33, 207, 103.

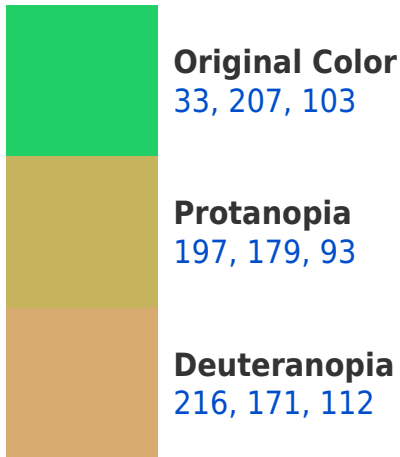


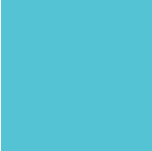
This preview shows how white text looks on a background with the RGB color 33, 207, 103.

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
84, 195, 211

Trichromacy



Original Color

33, 207, 103



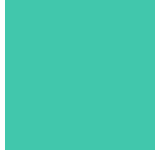
Protanomaly

137, 189, 97



Deuteranomaly

149, 184, 109



Tritanomaly

65, 199, 172

Monochromacy



Original Color

33, 207, 103



Achromatopsia

143, 143, 143



Achromatomaly

103, 166, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 33, 207, 103 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, 207, 103)` looks like.

```
.text, #text, p{  
    color:rgb(33, 207, 103)  
}
```

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, 207, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 207, 103) }
```

Border

The CSS property to change the border of an element to RGB 33, 207, 103 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, 207, 103) }
```

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

```
.border{ border-color:rgb(33, 207, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 207, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 207, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 207, 103);  
box-shadow:4px 4px 4px 4px rgb(33, 207,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 33, 207, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 207, 103) }
```

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

```
.background{ background-color: rgb(33, 207,  
103) }
```

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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