

Converting Colors

`RYB(39, 197, 194)`

Have a look what the booklet for
RYB(39, 197, 194) contains.

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Color

$\text{RYB}(39, 197, 194)$

Conversions

Conversions Part 1

Format	Color
Hex	2AC527
RGB	42, 197, 39
RGB Percent	16%, 77%, 15%
CMY	0.8353, 0.2275, 0.8471
CMYK	0.79, 0.00, 0.80, 0.23
HSL	119°, 67%, 46%
HSV	119°, 80%, 77%
XYZ	21.2873, 40.5712, 8.6285
YIQ	132.6430, -41.6620, -81.9980

Conversions

Conversions Part 2

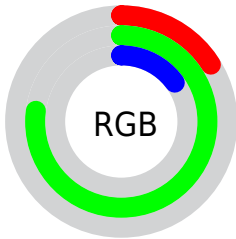
Format	Color
RYB	39, 197, 194
Decimal	2802983
CIELab	69.87, -66.50, 62.15
CIELCh	70, 91.027, 136.937
Yxy	40.5712, 0.3020, 0.5756
Android (android.graphics.Color)	4280993063 (0xFF2AC527)
YUV	132.6430, -46.1660, -79.4939
Hunter-Lab	63.6955, -51.8118, 36.5552

Details

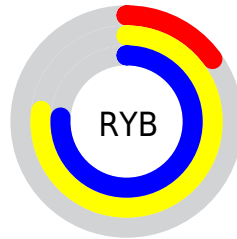
The RYB color **39, 197, 194** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **194, 39, 197**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **98, 255, 238**, and **0, 142, 142** is the 20% darker color. If you saturate the color by 10%, you get **19, 197, 193**, and if you desaturate by 10%, it is **59, 197, 195**.

Distribution



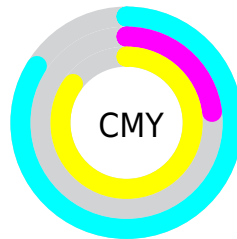
- Red (16%)
- Green (77%)
- Blue (15%)



- Red (15%)
- Yellow (77%)
- Blue (76%)



- Cyan (79%)
- Magenta (0%)
- Yellow (80%)
- Black (23%)






















- Cyan (84%)
- Magenta (23%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the RYB color 39, 197, 194 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 RYB color 39, 197, 194 by changing the saturation by 10% instead.

 39, 197, 194	 39, 197, 194
255, 255, 255	 0, 169, 169
 98, 255, 238	 0, 142, 142
 125, 255, 233	 0, 115, 115
 153, 255, 231	 0, 89, 89
 181, 255, 228	 0, 64, 64
 210, 255, 226	 0, 40, 40
 240, 255, 240	 0, 0, 0

 39, 197, 194	 39, 197, 194
 19, 197, 193	 59, 197, 195

■ 0, 197, 193

■ 78, 197, 194

■ 98, 197, 195

■ 118, 197, 196

■ 138, 197, 196

■ 157, 197, 196

■ 177, 197, 197

■ 197, 197, 197

■ 216, 197, 216

Harmonies

Analogous

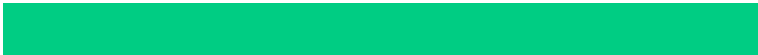
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 181, 19



39, 197, 194



0, 125, 205

Triad

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



39, 197, 194



0, 109, 255



255, 73, 128

Complementary

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



39, 197, 194



194, 39, 197

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, 78, 211



39, 197, 194



50, 124, 255

Square

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



39, 197, 194



0, 113, 255



231, 124, 255



255, 145, 48

Rectangle

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



39, 197, 194



0, 108, 207



231, 124, 255



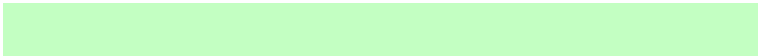
255, 67, 155

Sweetspot

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



39, 197, 194



194, 255, 254



44, 197, 39



91, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



39, 197, 194



10, 255, 250



39, 147, 197



90, 99, 99



0, 163, 160



0, 36, 35

Inverse Universe

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



194, 39, 197



250, 10, 255



197, 39, 123



99, 90, 99



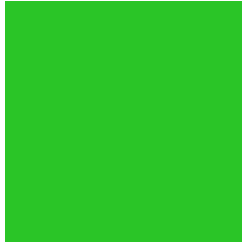
160, 0, 163



35, 0, 36

Previews

White Background



This preview shows how the RYB color 39, 197, 194 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 RYB color 39, 197, 194 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 39, 197, 194 Background



This preview shows how black text looks on a background with the RGB color 39, 197, 194.

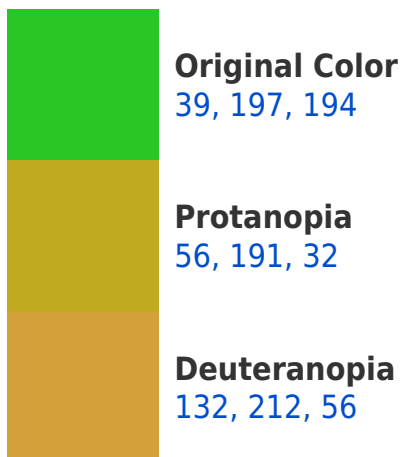


This preview shows how white text looks on a background with the RGB color 39, 197, 194.

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
90, 140, 198

Trichromacy



Original Color

39, 197, 194



Protanomaly

35, 180, 78



Deuteranomaly

50, 174, 74



Tritanomaly

73, 146, 188

Monochromacy



Original Color

39, 197, 194



Achromatopsia

133, 133, 133



Achromatomaly

99, 156, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 39, 197, 194 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(42, 197, 39)` looks like.

```
.text, #text, p{  
    color:rgb(42, 197, 39)  
}
```

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(42, 197, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 197, 39) }
```

Border

The CSS property to change the border of an element to RYB 39, 197, 194 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(42, 197, 39) }
```

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

```
.border{ border-color:rgb(42, 197, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 197, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 197, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 197, 39);  
box-shadow:4px 4px 4px 4px rgb(42, 197,  
39) }
```

Background

The CSS property to change the background color of an element to RGB 39, 197, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 197, 39) }
```

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

```
.background{ background-color: rgb(42, 197,  
39) }
```

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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