

Converting Colors

`RYB(39, 191, 222)`

Have a look what the booklet for
RYB(39, 191, 222) contains.

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Color

$\text{RYB}(39, 191, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	27DE4C
RGB	39, 222, 76
RGB Percent	15%, 87%, 30%
CMY	0.8471, 0.1294, 0.7007
CMYK	0.82, 0.00, 0.66, 0.13
HSL	132°, 73%, 51%
HSV	132°, 82%, 87%
XYZ	28.2737, 53.2002, 15.6749
YIQ	150.6390, -62.2020, -84.2020

Conversions

Conversions Part 2

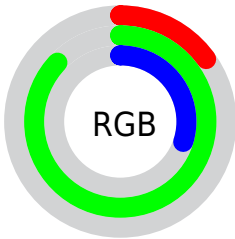
Format	Color
RYB	39, 191, 222
Decimal	2612812
CIELab	77.99, -71.37, 57.24
CIElCh	78, 91.486, 141.271
Yxy	53.2002, 0.2910, 0.5476
Android (android.graphics.Color)	4280802892 (0xFF27DE4C)
YUV	150.6390, -36.7970, -97.9074
Hunter-Lab	72.9385, -58.4489, 38.3152

Details

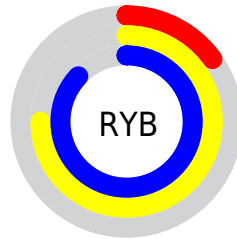
The RYB color **39, 191, 222** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **222, 39, 185**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **119, 244, 255**, and **0, 155, 165** is the 20% darker color. If you saturate the color by 10%, you get **17, 187, 222**, and if you desaturate by 10%, it is **61, 195, 222**.

Distribution



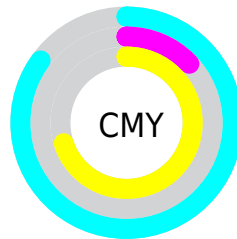
- Red (15%)
- Green (87%)
- Blue (30%)



- Red (15%)
- Yellow (75%)
- Blue (87%)



- Cyan (82%)
- Magenta (0%)
- Yellow (66%)
- Black (13%)


















- Cyan (85%)
- Magenta (13%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the RYB color 39, 191, 222 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, 191, 222 by changing the saturation by 10% instead.

 39, 191, 222	 39, 191, 222
255, 255, 255	 0, 155, 193
 119, 244, 255	 0, 154, 165
 151, 248, 255	 0, 138, 138
 182, 250, 255	 0, 111, 111
 214, 254, 255	 0, 85, 85
 245, 255, 255	 0, 60, 60
	 0, 35, 35
	 0, 0, 0

 39, 191, 222  39, 191, 222

■ 17, 187, 222

■ 61, 195, 222

■ 0, 185, 222

■ 83, 198, 222

■ 106, 203, 222

■ 128, 206, 222

■ 150, 210, 222

■ 172, 214, 222

■ 194, 217, 222

■ 217, 221, 222

■ 239, 222, 235

Harmonies

Analogous

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



0, 207, 34



39, 191, 222



0, 133, 229

Triad

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



39, 191, 222



0, 115, 255



255, 105, 137

Complementary

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



39, 191, 222



222, 39, 185

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, 102, 221



39, 191, 222



132, 167, 255

Square

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



39, 191, 222



0, 120, 255



255, 140, 255



255, 209, 57

Rectangle

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



39, 191, 222



0, 117, 231



255, 140, 255



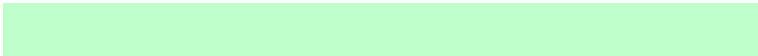
255, 98, 165

Sweetspot

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



39, 191, 222



191, 244, 255



39, 222, 76



89, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



39, 191, 222



3, 213, 255



39, 147, 222



101, 110, 112



0, 146, 176



0, 40, 48

Inverse Universe

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



222, 39, 185



255, 3, 204



222, 39, 94



112, 101, 110



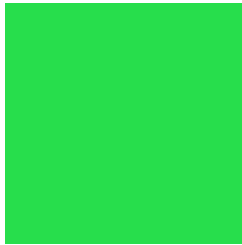
176, 0, 140



48, 0, 39

Previews

White Background



This preview shows how the RYB color 39, 191, 222 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, 191, 222 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

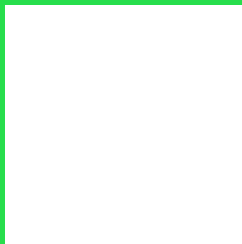
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 39, 191, 222 Background



This preview shows how black text looks on a background with the RGB color 39, 191, 222.



This preview shows how white text looks on a background with the RGB color 39, 191, 222.

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



Original Color

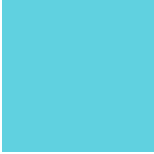
39, 191, 222

Protanopia

94, 213, 68

Deuteranopia

174, 236, 89



Tritanopia
96, 156, 224

Trichromacy



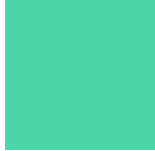
Original Color
39, 191, 222



Protanomaly
71, 202, 123



Deuteranomaly
84, 197, 117



Tritanomaly
75, 157, 213

Monochromacy



Original Color
39, 191, 222



Achromatopsia
151, 151, 151



Achromatomaly
110, 165, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 39, 191, 222 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(39, 222, 76)` looks like.

```
.text, #text, p{  
    color:rgb(39, 222, 76)  
}
```

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(39, 222, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 222, 76) }
```

Border

The CSS property to change the border of an element to RYB 39, 191, 222 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(39, 222, 76) }
```

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

```
.border{ border-color:rgb(39, 222, 76) }
```

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

Here you see how a box with a 4 pixel rgb(39, 222, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 222, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 222, 76);  
box-shadow:4px 4px 4px 4px rgb(39, 222,  
76) }
```

Background

The CSS property to change the background color of an element to RGB 39, 191, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 222, 76) }
```

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

```
.background{ background-color: rgb(39, 222,  
76) }
```

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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