

Converting Colors

`RYB(53, 177, 195)`

Have a look what the booklet for
RYB(53, 177, 195) contains.

RYB(53, 177, 195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(53, 177, 195)`

Conversions

Conversions Part 1

Format	Color
Hex	35C34A
RGB	53, 195, 74
RGB Percent	21%, 76%, 29%
CMY	0.7922, 0.2353, 0.7113
CMYK	0.73, 0.00, 0.62, 0.24
HSL	129°, 57%, 49%
HSV	129°, 73%, 76%
XYZ	22.2063, 40.2763, 13.0141
YIQ	138.7480, -45.7910, -67.7350

Conversions

Conversions Part 2

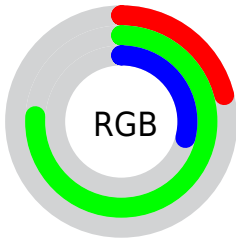
Format	Color
RYB	53, 177, 195
Decimal	3523402
CIELab	69.67, -61.30, 49.18
CIElCh	70, 78.589, 141.258
Yxy	40.2763, 0.2941, 0.5335
Android (android.graphics.Color)	4281713482 (0xFF35C34A)
YUV	138.7480, -31.9208, -75.2010
Hunter-Lab	63.4636, -48.6030, 32.2663

Details

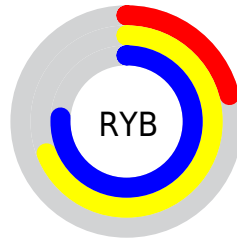
The RYB color **53, 177, 195** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **195, 53, 174**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **120, 246, 253**, and **0, 125, 140** is the 20% darker color. If you saturate the color by 10%, you get **34, 175, 195**, and if you desaturate by 10%, it is **73, 180, 195**.

Distribution



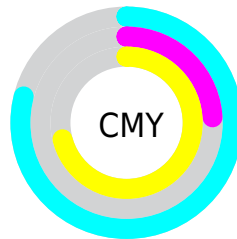
- Red (21%)
- Green (76%)
- Blue (29%)



- Red (21%)
- Yellow (69%)
- Blue (76%)



- Cyan (73%)
- Magenta (0%)
- Yellow (62%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RYB color 53, 177, 195 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 53, 177, 195 by changing the saturation by 10% instead.



53, 177, 195



53, 177, 195

255, 255, 255



0, 130, 167



120, 247, 253



0, 126, 140



150, 251, 255



0, 113, 113



180, 254, 255



0, 87, 87



210, 255, 255



0, 63, 63



238, 255, 252



0, 39, 39



0, 0, 0



53, 177, 195



53, 177, 195



34, 175, 195



73, 180, 195

■ 14, 172, 195

■ 92, 182, 195

■ 0, 171, 195

■ 111, 184, 195

■ 131, 187, 195

■ 151, 190, 195

■ 170, 192, 195

■ 189, 194, 195

■ 209, 195, 207

■ 229, 195, 224

Harmonies

Analogous

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



0, 182, 27



53, 177, 195



0, 116, 201

Triad

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



53, 177, 195



0, 107, 255



255, 100, 123

Complementary

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



53, 177, 195



195, 53, 174

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, 97, 194



53, 177, 195



123, 152, 255

Square

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



53, 177, 195



0, 111, 255



235, 127, 255



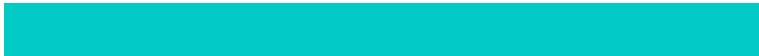
255, 169, 58

Rectangle

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



53, 177, 195



0, 103, 203



235, 127, 255



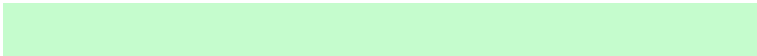
255, 95, 146

Sweetspot

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



53, 177, 195



197, 245, 252



53, 195, 72



94, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



53, 177, 195



33, 224, 252



53, 140, 195



87, 95, 97



0, 141, 161



0, 29, 33

Inverse Universe

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



195, 53, 174



252, 33, 221



195, 53, 105



97, 87, 95



161, 0, 137



33, 0, 28

Previews

White Background



This preview shows how the RYB color 53, 177, 195 looks on a white background.

Color Contrast Check

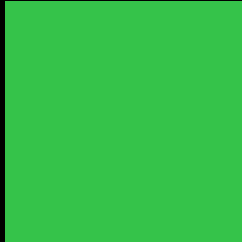
Large Text (above 18pt) WCAG AA × Fail

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 53, 177, 195 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, 177, 195 Background



This preview shows how black text looks on a background with the RGB color 53, 177, 195.



This preview shows how white text looks on a background with the RGB color 53, 177, 195.

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](#).

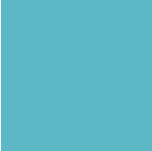
Dichromacy



Original Color
53, 177, 195

Protanopia
89, 188, 66

Deuteranopia
160, 208, 84



Tritanopia
92, 141, 197

Trichromacy



Original Color

53, 177, 195



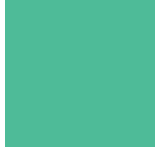
Protanomaly

69, 178, 108



Deuteranomaly

80, 173, 101



Tritanomaly

78, 143, 187

Monochromacy



Original Color

53, 177, 195



Achromatopsia

139, 139, 139



Achromatomaly

108, 153, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 53, 177, 195 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, 195, 74)` looks like.

```
.text, #text, p{  
    color:rgb(53, 195, 74)  
}
```

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, 195, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 195, 74) }
```

Border

The CSS property to change the border of an element to RYB 53, 177, 195 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, 195, 74) }
```

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

```
.border{ border-color:rgb(53, 195, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 195, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 195, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 195, 74);  
box-shadow:4px 4px 4px 4px rgb(53, 195,  
74) }
```

Background

The CSS property to change the background color of an element to RGB 53, 195, 74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 195, 74) }
```

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

```
.background{ background-color: rgb(53, 195,  
74) }
```

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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