

Converting Colors

`RYB(54, 139, 194)`

Have a look what the booklet for
RYB(54, 139, 194) contains.

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Color

RYB(54, 139, 194)

Conversions

Conversions Part 1

Format	Color
Hex	36C291
RGB	54, 194, 145
RGB Percent	21%, 76%, 57%
CMY	0.7882, 0.2392, 0.4330
CMYK	0.72, 0.00, 0.25, 0.24
HSL	159°, 56%, 49%
HSV	159°, 72%, 76%
XYZ	25.8922, 41.3995, 33.2481
YIQ	146.5540, -67.7110, -44.9190

Conversions

Conversions Part 2

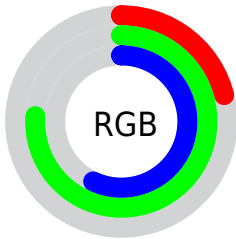
Format	Color
RYB	54, 139, 194
Decimal	3588753
CIELab	70.45, -48.52, 14.38
CIELCh	70, 50.611, 163.492
Yxy	41.3995, 0.2575, 0.4118
Android (android.graphics.Color)	4281778833 (0xFF36C291)
YUV	146.5540, -0.7661, -81.1699
Hunter-Lab	64.3424, -40.7685, 14.4024

Details

The RYB color **54, 139, 194** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **194, 54, 103**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **119, 201, 251**, and **0, 83, 139** is the 20% darker color. If you saturate the color by 10%, you get **35, 131, 194**, and if you desaturate by 10%, it is **73, 147, 194**.

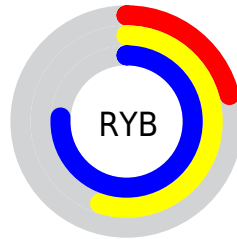
Distribution



Red (21%)

Green (76%)

Blue (57%)



Red (21%)

Yellow (55%)

Blue (76%)

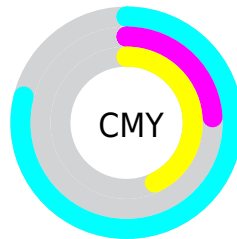


Cyan (72%)

Magenta (0%)

Yellow (25%)

Black (24%)



Cyan (79%)

















Magenta (24%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 139, 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 54, 139, 194 by changing the saturation by 10% instead.

 54, 139, 194	 54, 139, 194
 255, 255, 255	 0, 97, 166
 119, 201, 251	 0, 83, 139
 149, 210, 255	 0, 70, 113
 179, 217, 255	 0, 56, 87
 209, 232, 255	 0, 45, 63
 239, 247, 255	 0, 40, 41
	 0, 3, 3
	 0, 0, 0

 54, 139, 194  54, 139, 194

■ 35, 131, 194

■ 73, 147, 194

■ 15, 124, 194

■ 93, 154, 194

■ 0, 118, 194

■ 112, 162, 194

■ 132, 170, 194

■ 151, 177, 194

■ 170, 184, 194

■ 190, 192, 194

■ 209, 194, 199

■ 229, 194, 206

Harmonies

Analogous

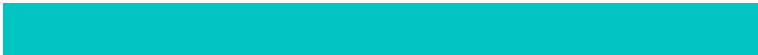
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



103, 188, 163



54, 139, 194



0, 99, 196

Triad

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



54, 139, 194



133, 161, 255



250, 154, 111

Complementary

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



54, 139, 194



194, 54, 103

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, 134, 153



54, 139, 194



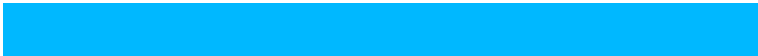
203, 152, 239

Square

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



54, 139, 194



0, 107, 255



244, 137, 200



189, 221, 83

Rectangle

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



54, 139, 194



0, 104, 222



244, 137, 200



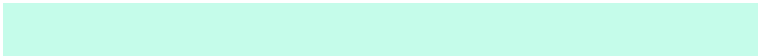
255, 142, 124

Sweetspot

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



54, 139, 194



197, 230, 252



54, 194, 143



94, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



54, 139, 194



33, 166, 252



54, 119, 194



87, 93, 97



0, 98, 161



0, 20, 33

Inverse Universe

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



194, 54, 103



252, 33, 110



194, 76, 54



97, 87, 91



161, 0, 57



33, 0, 12

Previews

White Background



This preview shows how the RYB color 54, 139, 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 54, 139, 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](#).

RYB 54, 139, 194 Background



This preview shows how black text looks on a background with the RYB color 54, 139, 194.

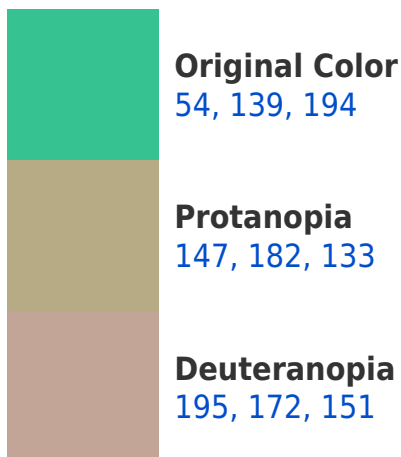


This preview shows how white text looks on a background with the RYB color 54, 139, 194.

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
80, 137, 202

Trichromacy



Original Color

54, 139, 194



Protanomaly

135, 177, 179



Deuteranomaly

144, 172, 176



Tritanomaly

71, 133, 190

Monochromacy



Original Color

54, 139, 194



Achromatopsia

147, 147, 147



Achromatomaly

113, 144, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 139, 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(54, 194, 145)` looks like.

```
.text, #text, p{  
    color:rgb(54, 194, 145)  
}
```

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(54, 194, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 194, 145) }
```

Border

The CSS property to change the border of an element to RYB 54, 139, 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(54, 194, 145) }
```

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

```
.border{ border-color:rgb(54, 194, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 194, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(54, 194, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(54, 194, 145); box-shadow:4px 4px 4px 4px rgb(54, 194, 145) }
```

Background

The CSS property to change the background color of an element to RYB 54, 139, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 194, 145) }
```

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

```
.background{ background-color: rgb(54, 194,  
145) }
```

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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