

Converting Colors

`RYB(53, 126, 193)`

Have a look what the booklet for
RYB(53, 126, 193) contains.

RYB(53, 126, 193)	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, 126, 193)`

Conversions

Conversions Part 1

Format	Color
Hex	35C1B5
RGB	53, 193, 181
RGB Percent	21%, 76%, 71%
CMY	0.7922, 0.2431, 0.2883
CMYK	0.73, 0.00, 0.06, 0.24
HSL	175°, 57%, 48%
HSV	175°, 73%, 76%
XYZ	28.9294, 42.2533, 50.6128
YIQ	149.7720, -79.5880, -33.4120

Conversions

Conversions Part 2

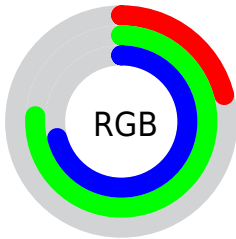
Format	Color
RYB	53, 126, 193
Decimal	3522997
CIELab	71.05, -38.86, -4.85
CIELCh	71, 39.163, 187.114
Yxy	42.2533, 0.2375, 0.3469
Android (android.graphics.Color)	4281713077 (0xFF35C1B5)
YUV	149.7720, 15.3954, -84.8690
Hunter-Lab	65.0025, -34.3131, -0.6631

Details

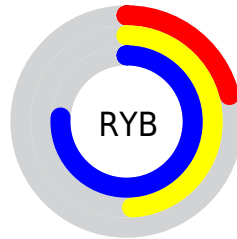
The RYB color **53, 126, 193** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **193, 53, 65**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **121, 189, 250**, and **0, 72, 139** is the 20% darker color. If you saturate the color by 10%, you get **34, 117, 193**, and if you desaturate by 10%, it is **72, 135, 193**.

Distribution



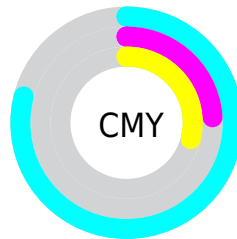
- Red (21%)
- Green (76%)
- Blue (71%)



- Red (21%)
- Yellow (49%)
- Blue (76%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (79%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 53, 126, 193 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, 126, 193 by changing the saturation by 10% instead.

 53, 126, 193

 53, 126, 193

255, 255, 255

 0, 85, 165

 121, 189, 250

 0, 72, 139

 151, 203, 255

 0, 59, 113

 181, 218, 255

 0, 45, 87

 211, 233, 255


 0, 33, 63


 242, 249, 255

 0, 22, 41

 0, 5, 15

 0, 0, 0

 53, 126, 193

 53, 126, 193

■ 34, 117, 193

■ 72, 135, 193

■ 14, 107, 193

■ 92, 145, 193

■ 0, 101, 193

■ 111, 154, 193

■ 130, 163, 193

■ 150, 173, 193

■ 169, 182, 193

■ 188, 191, 193

■ 207, 193, 194

■ 227, 193, 196

Harmonies

Analogous

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



106, 164, 191



53, 126, 193



0, 101, 216

Triad

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



53, 126, 193



189, 162, 231



220, 210, 109

Complementary

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



53, 126, 193



193, 53, 65

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.



240, 155, 133



53, 126, 193



226, 150, 202

Square

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



53, 126, 193



136, 165, 244



242, 146, 167



119, 189, 102

Rectangle

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



53, 126, 193



46, 127, 233



242, 146, 167



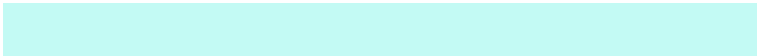
228, 184, 115

Sweetspot

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



53, 126, 193



195, 224, 250



53, 193, 181



92, 109, 125



252, 252, 252



125, 125, 125

Same Dimension

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



53, 126, 193



32, 146, 250



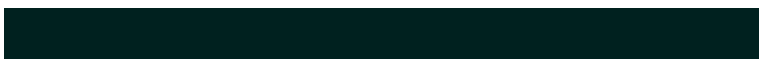
53, 105, 193



87, 92, 97



0, 84, 161



0, 17, 33

Inverse Universe

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



193, 53, 65



250, 32, 50



193, 152, 53



97, 87, 88



161, 0, 13



33, 0, 3

Previews

White Background



This preview shows how the RYB color 53, 126, 193 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, 126, 193 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

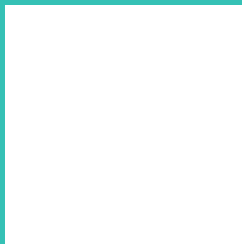
Any Text WCAG AAA ✓ Pass

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

RYB 53, 126, 193 Background



This preview shows how black text looks on a background with the RYB color 53, 126, 193.

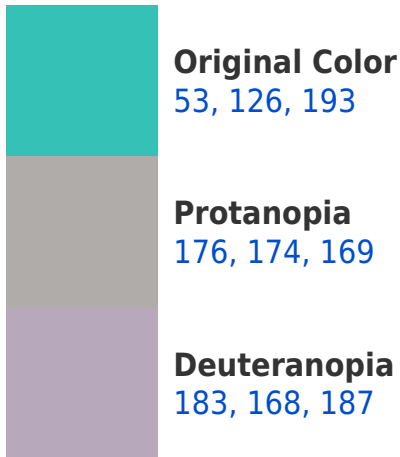


This preview shows how white text looks on a background with the RYB color 53, 126, 193.

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
67, 132, 205

Trichromacy



Original Color

53, 126, 193



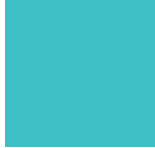
Protanomaly

131, 157, 180



Deuteranomaly

136, 158, 185



Tritanomaly

62, 128, 196

Monochromacy



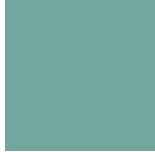
Original Color

53, 126, 193



Achromatopsia

150, 150, 150



Achromatomaly

115, 142, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 53, 126, 193 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, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(53, 193, 181)  
}
```

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, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 193, 181) }
```

Border

The CSS property to change the border of an element to RYB 53, 126, 193 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, 193, 181) }
```

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

```
.border{ border-color:rgb(53, 193, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 193, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(53, 193,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 53, 126, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 193, 181) }
```

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

```
.background{ background-color: rgb(53, 193,  
181) }
```

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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