

Converting Colors

`RYB(52, 130, 192)`

Have a look what the booklet for RYB(52, 130, 192) contains.

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Color

`RYB(52, 130, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	34C0A3
RGB	52, 192, 163
RGB Percent	20%, 75%, 64%
CMY	0.7961, 0.2471, 0.3597
CMYK	0.73, 0.00, 0.15, 0.25
HSL	168°, 57%, 48%
HSV	168°, 73%, 75%
XYZ	26.9020, 41.0838, 41.2951
YIQ	146.8340, -74.1310, -38.6990

Conversions

Conversions Part 2

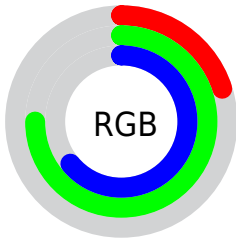
Format	Color
RYB	52, 130, 192
Decimal	3457187
CIELab	70.23, -43.42, 3.91
CIElCh	70, 43.591, 174.852
Yxy	41.0838, 0.2462, 0.3759
Android (android.graphics.Color)	4281647267 (0xFF34C0A3)
YUV	146.8340, 7.9698, -83.1694
Hunter-Lab	64.0966, -37.2510, 6.6693

Details

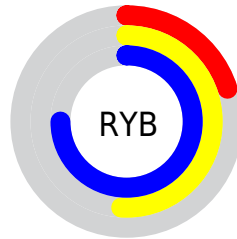
The RYB color **52, 130, 192** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **192, 52, 81**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **119, 193, 249**, and **0, 76, 138** is the 20% darker color. If you saturate the color by 10%, you get **33, 122, 192**, and if you desaturate by 10%, it is **71, 138, 192**.

Distribution



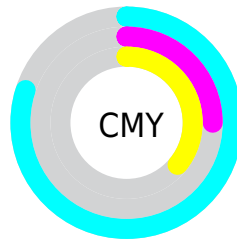
- Red (20%)
- Green (75%)
- Blue (64%)



- Red (20%)
- Yellow (51%)
- Blue (75%)



- Cyan (73%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (80%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 52, 130, 192 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 52, 130, 192 by changing the saturation by 10% instead.

 52, 130, 192

 52, 130, 192


255, 255, 255

 0, 89, 164

 119, 193, 249

 0, 76, 138

 149, 204, 255

 0, 62, 111

 179, 217, 255

 0, 49, 86

 209, 232, 255


 0, 37, 62


 239, 247, 255

 0, 27, 41

 0, 2, 2

 0, 0, 0

 52, 130, 192

 52, 130, 192

■ 33, 122, 192

■ 71, 138, 192

■ 14, 113, 192

■ 90, 147, 192

■ 0, 107, 192

■ 110, 156, 192

■ 129, 164, 192

■ 148, 173, 192

■ 167, 181, 192

■ 186, 189, 192

■ 206, 192, 195

■ 225, 192, 199

Harmonies

Analogous

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



116, 180, 188



52, 130, 192



0, 99, 204

Triad

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



52, 130, 192



165, 164, 244



232, 179, 108

Complementary

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



52, 130, 192



192, 52, 81

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.



247, 142, 141



52, 130, 192



215, 149, 218

Square

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



52, 130, 192



95, 149, 250



242, 140, 180



145, 203, 92

Rectangle

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



52, 130, 192



0, 103, 226



242, 140, 180



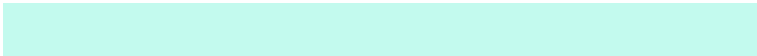
239, 160, 118

Sweetspot

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



52, 130, 192



195, 226, 250



52, 192, 162



92, 110, 125



252, 252, 252



125, 125, 125

Same Dimension

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



52, 130, 192



30, 153, 250



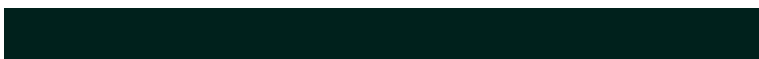
52, 110, 192



87, 93, 97



0, 90, 161



0, 18, 33

Inverse Universe

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



192, 52, 81



250, 30, 75



192, 108, 52



97, 87, 89



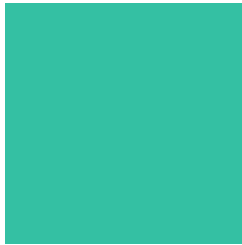
161, 0, 33



33, 0, 7

Previews

White Background



This preview shows how the RYB color 52, 130, 192 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 52, 130, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

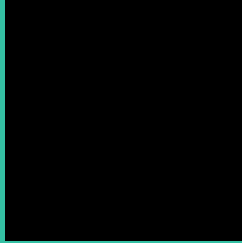
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

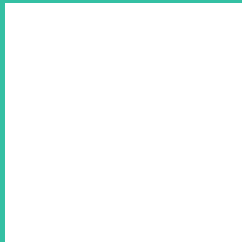
Any Text WCAG AAA ✓ Pass

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

RYB 52, 130, 192 Background



This preview shows how black text looks on a background with the RYB color 52, 130, 192.

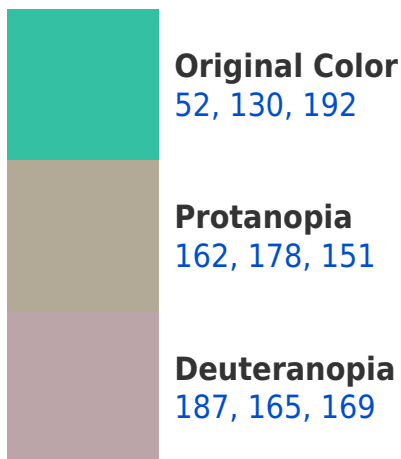


This preview shows how white text looks on a background with the RYB color 52, 130, 192.

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
72, 133, 202

Trichromacy



Original Color

52, 130, 192



Protanomaly

132, 163, 178



Deuteranomaly

138, 159, 175



Tritanomaly

65, 127, 189

Monochromacy



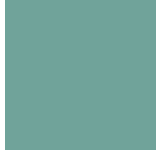
Original Color

52, 130, 192



Achromatopsia

147, 147, 147



Achromatomaly

112, 140, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 52, 130, 192 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(52, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(52, 192, 163)  
}
```

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(52, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 192, 163) }
```

Border

The CSS property to change the border of an element to RYB 52, 130, 192 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(52, 192, 163) }
```

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

```
.border{ border-color:rgb(52, 192, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 192, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 192, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 192, 163);  
box-shadow:4px 4px 4px 4px rgb(52, 192,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 52, 192, 163 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 192, 163) }
```

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

```
.background{ background-color: rgb(52, 192,  
163) }
```

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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