

Converting Colors

`RYB(55, 140, 140)`

Have a look what the booklet for
RYB(55, 140, 140) contains.

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Color

`RYB(55, 140, 140)`

Conversions

Conversions Part 1

Format	Color
Hex	378C37
RGB	55, 140, 55
RGB Percent	22%, 55%, 22%
CMY	0.7843, 0.4510, 0.7843
CMYK	0.61, 0.00, 0.61, 0.45
HSL	120°, 44%, 38%
HSV	120°, 61%, 55%
XYZ	11.6432, 19.8442, 6.8311
YIQ	104.8950, -23.3750, -44.4550

Conversions

Conversions Part 2

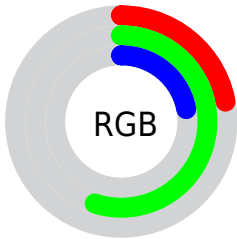
Format	Color
R _{YB}	55, 140, 140
Decimal	3640375
CIE Lab	51.66, -43.32, 37.19
CIE LCh	52, 57.090, 139.357
Yxy	19.8442, 0.3039, 0.5179
Android (android.graphics.Color)	4281830455 (0xFF378C37)
YUV	104.8950, -24.5982, -43.7579
Hunter-Lab	44.5469, -31.3024, 22.0909

Details

The RYB color **55, 140, 140** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **140, 55, 140**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **105, 194, 188**, and **0, 87, 89** is the 20% darker color. If you saturate the color by 10%, you get **41, 140, 140**, and if you desaturate by 10%, it is **69, 140, 140**.

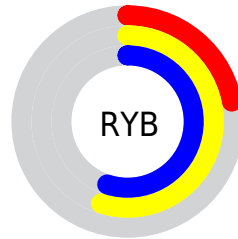
Distribution



Red (22%)

Green (55%)

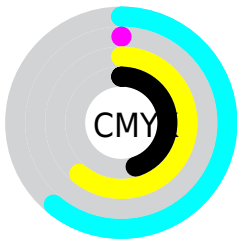
Blue (22%)



Red (22%)

Yellow (55%)

Blue (55%)

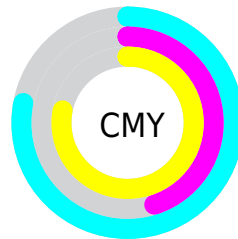


Cyan (61%)

Magenta (0%)

Yellow (61%)

Black (45%)



Cyan (78%)


Magenta (45%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the RYB color 55, 140, 140 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 55, 140, 140 by changing the saturation by 10% instead.


 55, 140, 140

 55, 140, 140


255, 255, 255

 22, 107, 114

 105, 194, 188

 0, 87, 89


 131, 223, 215

 0, 64, 64

 157, 252, 242

 0, 43, 43


 185, 255, 245


 0, 11, 11


 213, 255, 244


 0, 0, 0


 241, 255, 242


 55, 140, 140


 55, 140, 140


 41, 140, 140

 69, 140, 140


 27, 140, 140


 83, 140, 140

 13, 140, 140

 97, 140, 140

 0, 140, 140


 111, 140, 140

 125, 140, 140

 139, 140, 140

 153, 140, 153

 167, 140, 167

 181, 140, 181

Harmonies

Analogous

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



12, 130, 25



55, 140, 140



0, 85, 145

Triad

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



55, 140, 140



0, 83, 219



210, 77, 94

Complementary

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



55, 140, 140



140, 55, 140

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.



202, 77, 143



55, 140, 140



88, 112, 216

Square

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



55, 140, 140



0, 83, 197



165, 96, 187



195, 113, 50

Rectangle

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



55, 140, 140



0, 75, 146



165, 96, 187



211, 74, 110

Sweetspot

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



55, 140, 140



148, 181, 181



55, 140, 55



72, 92, 92



219, 219, 219



92, 92, 92

Same Dimension

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



55, 140, 140



49, 181, 181



55, 111, 140



62, 69, 69



0, 133, 133



0, 5, 5

Inverse Universe

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



140, 55, 140



181, 49, 181



140, 55, 98



69, 62, 69



133, 0, 133



5, 0, 5

Previews

White Background



This preview shows how the RYB color 55, 140, 140 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 140, 140 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 × Fail

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

RGB 55, 140, 140 Background



This preview shows how black text looks on a background with the RGB color 55, 140, 140.



This preview shows how white text looks on a background with the RGB color 55, 140, 140.

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
55, 140, 140

Protanopia
65, 136, 50

Deuteranopia
115, 150, 62



Tritanopia
76, 106, 142

Trichromacy



Original Color

55, 140, 140



Protanomaly

52, 129, 74



Deuteranomaly

59, 125, 69



Tritanomaly

68, 108, 134

Monochromacy



Original Color

55, 140, 140



Achromatopsia

105, 105, 105



Achromatomaly

87, 118, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 55, 140, 140 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(55, 140, 55)` looks like.

```
.text, #text, p{  
    color:rgb(55, 140, 55)  
}
```

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(55, 140, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 140, 55) }
```

Border

The CSS property to change the border of an element to RYB 55, 140, 140 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(55, 140, 55) }
```

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

```
.border{ border-color:rgb(55, 140, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 140, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 140, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 140, 55);  
box-shadow:4px 4px 4px 4px rgb(55, 140,  
55) }
```

Background

The CSS property to change the background color of an element to RGB 55, 140, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 140, 55) }
```

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

```
.background{ background-color: rgb(55, 140,  
55) }
```

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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