

Converting Colors

`RYB(54, 106, 129)`

Have a look what the booklet for
RYB(54, 106, 129) contains.

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Color

R_YB(54, 106, 129)

Conversions

Conversions Part 1

Format	Color
Hex	368157
RGB	54, 129, 87
RGB Percent	21%, 51%, 34%
CMY	0.7882, 0.4941, 0.6581
CMYK	0.58, 0.00, 0.32, 0.49
HSL	147°, 41%, 36%
HSV	147°, 58%, 51%
XYZ	11.0990, 17.1757, 11.7842
YIQ	101.7870, -31.2180, -28.9620

Conversions

Conversions Part 2

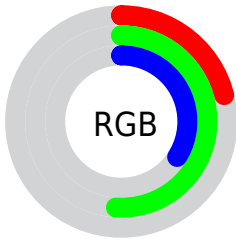
Format	Color
RYB	54, 106, 129
Decimal	3572055
CIELab	48.48, -33.54, 15.86
CIELCh	48, 37.105, 154.691
Yxy	17.1757, 0.2771, 0.4288
Android (android.graphics.Color)	4281762135 (0xFF368157)
YUV	101.7870, -7.2900, -41.9092
Hunter-Lab	41.4436, -24.7225, 12.1518

Details

The RYB color **54, 106, 129** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **129, 54, 96**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **107, 161, 183**, and **0, 52, 79** is the 20% darker color. If you saturate the color by 10%, you get **41, 102, 129**, and if you desaturate by 10%, it is **67, 110, 129**.

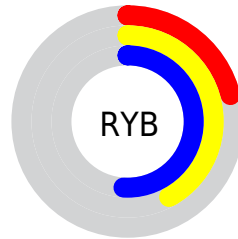
Distribution



Red (21%)

Green (51%)

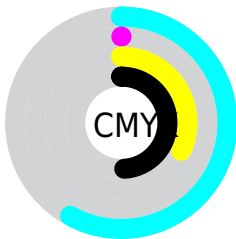
Blue (34%)



Red (21%)

Yellow (42%)

Blue (51%)

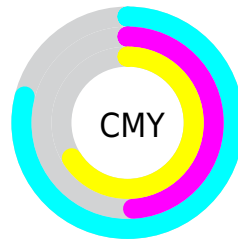


Cyan (58%)

Magenta (0%)

Yellow (32%)

Black (49%)



Cyan (79%)


Magenta (49%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 106, 129 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, 106, 129 by changing the saturation by 10% instead.

 54, 106, 129

 54, 106, 129

255, 255, 255

 24, 76, 103

 107, 161, 183

 0, 52, 79


 134, 188, 210

 0, 40, 55

 162, 218, 239


 0, 35, 35


 190, 235, 255


 0, 0, 0


 218, 239, 255

 247, 251, 255

 54, 106, 129

 54, 106, 129

 41, 102, 129

 67, 110, 129

■ 28, 98, 129

■ 80, 114, 129

■ 15, 94, 129

■ 93, 118, 129

■ 2, 90, 129

■ 106, 122, 129

■ 0, 89, 129

■ 119, 126, 129

■ 131, 129, 130

■ 144, 129, 138

■ 157, 129, 145

■ 170, 129, 152

Harmonies

Analogous

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



62, 124, 90



54, 106, 129



0, 69, 131

Triad

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



54, 106, 129



70, 103, 177



171, 95, 81

Complementary

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



54, 106, 129



129, 54, 96

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.



173, 89, 111



54, 106, 129



124, 105, 167

Square

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



54, 106, 129



0, 72, 171



158, 94, 143



155, 145, 58

Rectangle

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



54, 106, 129



0, 68, 140



158, 94, 143



174, 91, 91

Sweetspot

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



54, 106, 129



140, 160, 168



54, 129, 86



67, 79, 84



212, 212, 212



84, 84, 84

Same Dimension

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



54, 106, 129



50, 131, 168



54, 93, 129



57, 62, 64



0, 89, 128



0, 0, 0

Inverse Universe

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



129, 54, 96



168, 50, 116



129, 54, 59



64, 57, 61



128, 0, 71



0, 0, 0

Previews

White Background



This preview shows how the RYB color 54, 106, 129 looks on a white 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

Black Background



This preview shows how the RYB color 54, 106, 129 looks on a black 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

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

RYB 54, 106, 129 Background



This preview shows how black text looks on a background with the RYB color 54, 106, 129.



This preview shows how white text looks on a background with the RYB color 54, 106, 129.

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

54, 106, 129

Protanopia

92, 123, 81

Deuteranopia

133, 126, 91



Tritanopia
68, 98, 133

Trichromacy



Original Color

54, 106, 129

Protanomaly

83, 119, 104

Deuteranomaly

90, 117, 103

Tritanomaly

63, 96, 125

Monochromacy



Original Color

54, 106, 129

Achromatopsia

102, 102, 102

Achromatomaly

85, 104, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 106, 129 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, 129, 87)` looks like.

```
.text, #text, p{  
    color:rgb(54, 129, 87)  
}
```

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, 129, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 129, 87) }
```

Border

The CSS property to change the border of an element to RYB 54, 106, 129 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, 129, 87) }
```

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

```
.border{ border-color:rgb(54, 129, 87) }
```

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

Here you see how a box with a 4 pixel rgb(54, 129, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 129, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 129, 87);  
box-shadow:4px 4px 4px 4px rgb(54, 129,  
87) }
```

Background

The CSS property to change the background color of an element to RYB 54, 106, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 129, 87) }
```

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

```
.background{ background-color: rgb(54, 129,  
87) }
```

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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