

Converting Colors

`RYB(54, 113, 133)`

Have a look what the booklet for
RYB(54, 113, 133) contains.

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Color

R_YB(54, 113, 133)

Conversions

Conversions Part 1

Format	Color
Hex	368551
RGB	54, 133, 81
RGB Percent	21%, 52%, 32%
CMY	0.7882, 0.4784, 0.6832
CMYK	0.59, 0.00, 0.39, 0.48
HSL	140°, 42%, 37%
HSV	140°, 59%, 52%
XYZ	11.3858, 18.1501, 10.6446
YIQ	103.4510, -30.3920, -32.9200

Conversions

Conversions Part 2

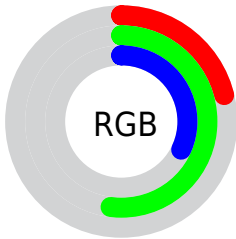
Format	Color
RYB	54, 113, 133
Decimal	3573073
CIELab	49.68, -36.62, 21.10
CIElCh	50, 42.262, 150.043
Yxy	18.1501, 0.2834, 0.4517
Android (android.graphics.Color)	4281763153 (0xFF368551)
YUV	103.4510, -11.0683, -43.3685
Hunter-Lab	42.6029, -26.8503, 15.0082

Details

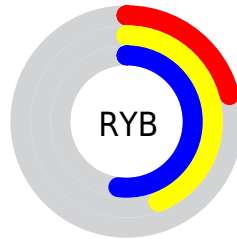
The RYB color **54, 113, 133** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **133, 54, 106**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **108, 169, 187**, and **0, 57, 82** is the 20% darker color. If you saturate the color by 10%, you get **41, 110, 133**, and if you desaturate by 10%, it is **67, 116, 133**.

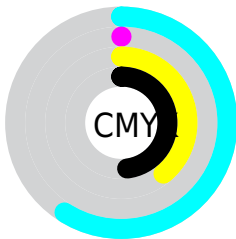
Distribution



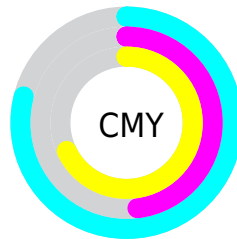
- Red (21%)
- Green (52%)
- Blue (32%)



- Red (21%)
- Yellow (44%)
- Blue (52%)



- Cyan (59%)
- Magenta (0%)
- Yellow (39%)
- Black (48%)





- Cyan (79%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the RYB color 54, 113, 133 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, 113, 133 by changing the saturation by 10% instead.

 54, 113, 133

 54, 113, 133

255, 255, 255

 23, 83, 107

 108, 169, 187

 0, 57, 82


 135, 198, 215

 0, 48, 59

 163, 226, 243


 0, 38, 38


 191, 239, 255


 0, 0, 0


 220, 242, 255

 249, 252, 255

 54, 113, 133

 54, 113, 133

 41, 110, 133

 67, 116, 133

■ 27, 106, 133

■ 81, 120, 133

■ 14, 103, 133

■ 94, 123, 133

■ 1, 99, 133

■ 107, 126, 133

■ 0, 99, 133

■ 121, 130, 133

■ 134, 133, 134

■ 147, 133, 142

■ 160, 133, 151

■ 174, 133, 160

Harmonies

Analogous

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



53, 127, 78



54, 113, 133



0, 73, 136

Triad

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



54, 113, 133



44, 95, 190



183, 92, 84

Complementary

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



54, 113, 133



133, 54, 106

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.



183, 87, 120



54, 113, 133



120, 109, 180

Square

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



54, 113, 133



0, 76, 180



162, 95, 155



167, 138, 56

Rectangle

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



54, 113, 133



0, 69, 142



162, 95, 155



185, 88, 96

Sweetspot

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



54, 113, 133



142, 165, 173



54, 133, 80



68, 82, 87



214, 214, 214



87, 87, 87

Same Dimension

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



54, 113, 133



50, 142, 173



54, 97, 133



60, 65, 66



0, 97, 130



0, 2, 3

Inverse Universe

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



133, 54, 106



173, 50, 132



133, 54, 67



66, 60, 64



130, 0, 86



3, 0, 2

Previews

White Background



This preview shows how the RYB color 54, 113, 133 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, 113, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

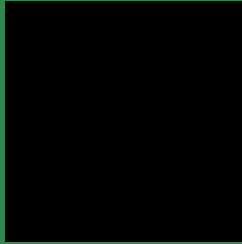
Any Text WCAG AA ✓ Pass

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](#).

R Y B 54, 113, 133 Background



This preview shows how black text looks on a background with the R Y B color 54, 113, 133.



This preview shows how white text looks on a background with the R Y B color 54, 113, 133.

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, 113, 133

Protanopia
89, 128, 75

Deuteranopia
137, 139, 86



Tritanopia
70, 101, 137

Trichromacy



Original Color

54, 113, 133

Protanomaly

77, 123, 99

Deuteranomaly

84, 120, 96

Tritanomaly

64, 100, 129

Monochromacy



Original Color

54, 113, 133

Achromatopsia

103, 103, 103

Achromatomaly

85, 107, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 54, 113, 133 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, 133, 81)` looks like.

```
.text, #text, p{  
    color:rgb(54, 133, 81)  
}
```

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, 133, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 133, 81) }
```

Border

The CSS property to change the border of an element to RYB 54, 113, 133 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, 133, 81) }
```

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

```
.border{ border-color:rgb(54, 133, 81) }
```

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

Here you see how a box with a 4 pixel rgb(54, 133, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 133, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 133, 81);  
box-shadow:4px 4px 4px 4px rgb(54, 133,  
81) }
```

Background

The CSS property to change the background color of an element to RYB 54, 113, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 133, 81) }
```

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

```
.background{ background-color: rgb(54, 133,  
81) }
```

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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