

Converting Colors

`RYB(43, 147, 159)`

Have a look what the booklet for
RYB(43, 147, 159) contains.

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Color

R_YB(43, 147, 159)

Conversions

Conversions Part 1

Format	Color
Hex	2B9F38
RGB	43, 159, 56
RGB Percent	17%, 62%, 22%
CMY	0.8314, 0.3765, 0.7789
CMYK	0.73, 0.00, 0.65, 0.38
HSL	127°, 57%, 40%
HSV	127°, 73%, 62%
XYZ	14.1177, 25.5992, 7.9879
YIQ	112.5740, -36.0730, -56.6250

Conversions

Conversions Part 2

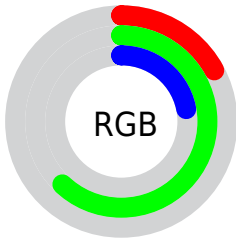
Format	Color
RYB	43, 147, 159
Decimal	2858808
CIELab	57.65, -52.68, 43.27
CIELCh	58, 68.170, 140.604
Yxy	25.5992, 0.2959, 0.5366
Android (android.graphics.Color)	4281048888 (0xFF2B9F38)
YUV	112.5740, -27.8910, -61.0164
Hunter-Lab	50.5956, -38.7356, 26.0563

Details

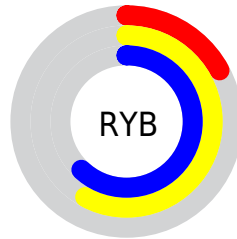
The RYB color **43, 147, 159** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **159, 43, 146**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **106, 214, 215**, and **0, 106, 106** is the 20% darker color. If you saturate the color by 10%, you get **27, 146, 159**, and if you desaturate by 10%, it is **59, 149, 159**.

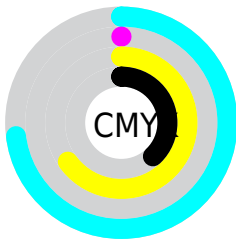
Distribution



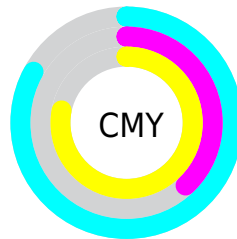
- Red (17%)
- Green (62%)
- Blue (22%)



- Red (17%)
- Yellow (58%)
- Blue (62%)



- Cyan (73%)
- Magenta (0%)
- Yellow (65%)
- Black (38%)



- Cyan (83%)
- Magenta (38%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the RYB color 43, 147, 159 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 43, 147, 159 by changing the saturation by 10% instead.



43, 147, 159



43, 147, 159

255, 255, 255



0, 108, 132



106, 213, 215



0, 106, 106



134, 244, 243



0, 81, 81



161, 255, 252



0, 57, 57



188, 255, 250



0, 34, 34



217, 255, 249



0, 0, 0



246, 255, 248



43, 147, 159



43, 147, 159



27, 146, 159



59, 149, 159

■ 11, 144, 159

■ 75, 150, 159

■ 0, 143, 159

■ 91, 152, 159

■ 107, 154, 159

■ 123, 155, 159

■ 138, 156, 159

■ 154, 158, 159

■ 170, 159, 169

■ 186, 159, 183

Harmonies

Analogous

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



0, 148, 21



43, 147, 159



0, 96, 164

Triad

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



43, 147, 159



0, 95, 255



243, 79, 100

Complementary

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



43, 147, 159



159, 43, 146

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.



235, 78, 160



43, 147, 159



96, 125, 251

Square

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



43, 147, 159



0, 95, 230



191, 103, 215



223, 131, 45

Rectangle

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



43, 147, 159



0, 85, 166



191, 103, 215



244, 75, 120

Sweetspot

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



43, 147, 159



161, 202, 207



43, 159, 55



77, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



43, 147, 159



25, 188, 207



43, 115, 159



71, 78, 79



0, 129, 143



0, 13, 15

Inverse Universe

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



159, 43, 146



207, 25, 186



159, 43, 89



79, 71, 78



143, 0, 126



15, 0, 14

Previews

White Background



This preview shows how the RYB color 43, 147, 159 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 43, 147, 159 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](#).

RYB 43, 147, 159 Background



This preview shows how black text looks on a background with the RYB color 43, 147, 159.



This preview shows how white text looks on a background with the RYB color 43, 147, 159.

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
43, 147, 159

Protanopia
69, 154, 50

Deuteranopia
127, 170, 65



Tritanopia
75, 115, 161

Trichromacy



Original Color

43, 147, 159



Protanomaly

52, 146, 84



Deuteranomaly

62, 141, 79



Tritanomaly

63, 117, 153

Monochromacy



Original Color

43, 147, 159



Achromatopsia

113, 113, 113



Achromatomaly

88, 126, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 43, 147, 159 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(43, 159, 56)` looks like.

```
.text, #text, p{  
    color:rgb(43, 159, 56)  
}
```

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(43, 159, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 159, 56) }
```

Border

The CSS property to change the border of an element to RYB 43, 147, 159 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(43, 159, 56) }
```

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

```
.border{ border-color:rgb(43, 159, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 159, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 159, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 159, 56);  
box-shadow:4px 4px 4px 4px rgb(43, 159,  
56) }
```

Background

The CSS property to change the background color of an element to RYB 43, 147, 159 is called "background".

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

```
.background, #background, body{  
background: rgb(43, 159, 56) }
```

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

```
.background{ background-color: rgb(43, 159,  
56) }
```

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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