

Converting Colors

`RYB(79, 143, 157)`

Have a look what the booklet for
RYB(79, 143, 157) contains.

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Color

`RYB(79, 143, 157)`

Conversions

Conversions Part 1

Format	Color
Hex	4F9D60
RGB	79, 157, 96
RGB Percent	31%, 62%, 38%
CMY	0.6902, 0.3843, 0.6233
CMYK	0.50, 0.00, 0.39, 0.38
HSL	133°, 33%, 46%
HSV	133°, 50%, 62%
XYZ	17.3956, 26.6219, 15.3031
YIQ	126.7240, -26.9070, -35.5070

Conversions

Conversions Part 2

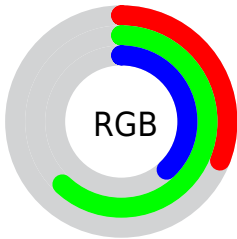
Format	Color
RYB	79, 143, 157
Decimal	5217632
CIELab	58.62, -37.77, 24.68
CIElCh	59, 45.114, 146.842
Yxy	26.6219, 0.2932, 0.4488
Android (android.graphics.Color)	4283407712 (0xFF4F9D60)
YUV	126.7240, -15.1469, -41.8539
Hunter-Lab	51.5964, -30.1128, 18.5325

Details

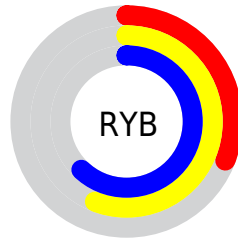
The RYB color **79, 143, 157** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **157, 79, 140**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **133, 200, 212**, and **20, 83, 105** is the 20% darker color. If you saturate the color by 10%, you get **63, 140, 157**, and if you desaturate by 10%, it is **95, 146, 157**.

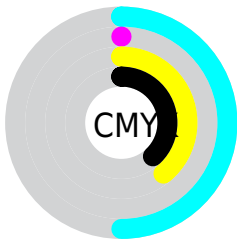
Distribution



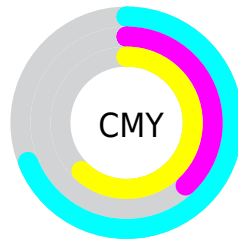
- Red (31%)
- Green (62%)
- Blue (38%)



- Red (31%)
- Yellow (56%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 143, 157 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 79, 143, 157 by changing the saturation by 10% instead.



79, 143, 157



79, 143, 157

255, 255, 255



52, 115, 131



133, 200, 212



20, 83, 105



161, 230, 241



0, 60, 80



189, 244, 255



0, 54, 56



217, 245, 255



0, 36, 36



246, 251, 255



0, 0, 0



79, 143, 157



79, 143, 157



63, 140, 157



95, 146, 157



48, 137, 157



110, 148, 157

■ 32, 135, 157

■ 126, 151, 157

■ 16, 132, 157

■ 142, 155, 157

■ 0, 128, 157

■ 157, 157, 157

■ 0, 129, 157

■ 173, 157, 170

■ 189, 157, 182

■ 205, 157, 194

■ 220, 157, 206

Harmonies

Analogous

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



67, 149, 87



79, 143, 157



0, 88, 161

Triad

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



79, 143, 157



53, 113, 220



214, 110, 107

Complementary

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



79, 143, 157



157, 79, 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.



211, 108, 147



79, 143, 157



137, 132, 212

Square

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



79, 143, 157



0, 89, 206



186, 117, 185



198, 154, 75

Rectangle

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



79, 143, 157



0, 81, 163



186, 117, 185



215, 108, 120

Sweetspot

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



79, 143, 157



173, 198, 204



79, 157, 96



84, 99, 102



230, 230, 230



102, 102, 102

Same Dimension

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



79, 143, 157



82, 183, 204



79, 124, 157



71, 77, 79



0, 118, 143



0, 13, 15

Inverse Universe

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



157, 79, 140



204, 82, 177



157, 79, 101



79, 71, 77



143, 0, 112



15, 0, 12

Previews

White Background



This preview shows how the RYB color 79, 143, 157 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 79, 143, 157 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 79, 143, 157 Background



This preview shows how black text looks on a background with the RYB color 79, 143, 157.

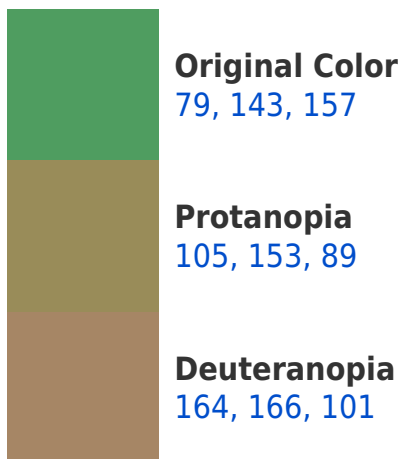


This preview shows how white text looks on a background with the RYB color 79, 143, 157.

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
94, 124, 161

Trichromacy



Original Color

79, 143, 157



Protanomaly

92, 146, 112



Deuteranomaly

99, 142, 107



Tritanomaly

89, 125, 152

Monochromacy



Original Color

79, 143, 157



Achromatopsia

127, 127, 127



Achromatomaly

110, 133, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 143, 157 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(79, 157, 96)` looks like.

```
.text, #text, p{  
    color:rgb(79, 157, 96)  
}
```

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(79, 157, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 157, 96) }
```

Border

The CSS property to change the border of an element to RYB 79, 143, 157 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(79, 157, 96) }
```

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

```
.border{ border-color:rgb(79, 157, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 157, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 157, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 157, 96);  
box-shadow:4px 4px 4px 4px rgb(79, 157,  
96) }
```

Background

The CSS property to change the background color of an element to RGB 79, 143, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 157, 96) }
```

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

```
.background{ background-color: rgb(79, 157,  
96) }
```

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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