

Converting Colors

`RYB(127, 159, 185)`

Have a look what the booklet for RYB(127, 159, 185) contains.

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Color

R_YB(127, 159, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7FB9AE
RGB	127, 185, 174
RGB Percent	50%, 73%, 68%
CMY	0.5020, 0.2745, 0.3172
CMYK	0.31, 0.00, 0.06, 0.27
HSL	169°, 29%, 61%
HSV	169°, 31%, 73%
XYZ	33.7535, 42.2708, 46.4884
YIQ	166.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

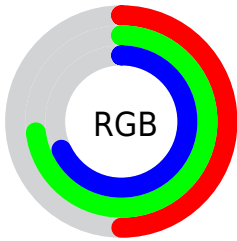
Format	Color
RYB	127, 159, 185
Decimal	8370606
CIELab	71.06, -21.17, -0.50
CIELCh	71, 21.176, 181.356
Yxy	42.2708, 0.2755, 0.3450
Android (android.graphics.Color)	4286560686 (0xFF7FB9AE)
YUV	166.4040, 3.7448, -34.5573
Hunter-Lab	65.0160, -21.1085, 3.1171

Details

The RYB color **127, 159, 185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185, 127, 138**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **181, 214, 241**, and **75, 106, 132** is the 20% darker color. If you saturate the color by 10%, you get **109, 151, 185**, and if you desaturate by 10%, it is **146, 167, 185**.

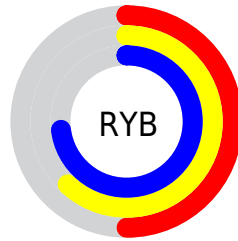
Distribution



Red (50%)

Green (73%)

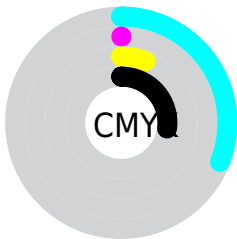
Blue (68%)



Red (50%)

Yellow (62%)

Blue (73%)

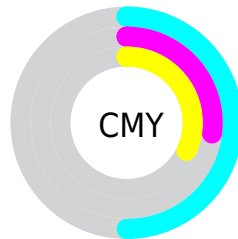


Cyan (31%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 159, 185 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 127, 159, 185 by changing the saturation by 10% instead.

 127, 159, 185


255, 255, 255


 181, 214, 241

 210, 233, 255

 238, 247, 255

 127, 159, 185

 101, 132, 158

 75, 106, 132

 49, 80, 106

 22, 54, 82

 0, 32, 59

 0, 20, 37

 0, 4, 7

 0, 0, 0

 127, 159, 185

 127, 159, 185

■ 109, 151, 185

■ 146, 167, 185

■ 90, 142, 185

■ 164, 176, 185

■ 72, 134, 185

■ 183, 184, 185

■ 53, 126, 185

■ 201, 185, 188

■ 35, 118, 185

■ 220, 185, 191

■ 16, 109, 185

■ 238, 185, 195

■ 0, 102, 185

■ 255, 185, 198

■ 255, 185, 202

■ 255, 185, 205

Harmonies

Analogous

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



145, 175, 183



127, 159, 185



120, 154, 193

Triad

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



127, 159, 185



178, 169, 207



204, 185, 141

Complementary

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



127, 159, 185



185, 127, 138

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.



213, 163, 155



127, 159, 185



200, 163, 193

Square

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



127, 159, 185



153, 169, 212



212, 160, 174



157, 188, 136

Rectangle

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



127, 159, 185



125, 158, 203



212, 160, 174



208, 174, 145

Sweetspot

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



127, 159, 185



218, 230, 240



127, 185, 173



107, 114, 120



247, 247, 247



120, 120, 120

Same Dimension

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



127, 159, 185



149, 199, 240



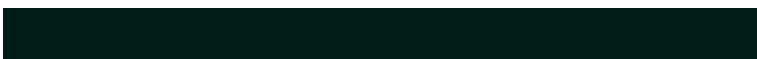
127, 151, 185



83, 88, 92



0, 86, 156



0, 15, 28

Inverse Universe

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



185, 127, 138



240, 149, 166



185, 151, 127



92, 83, 84



156, 0, 29



28, 0, 5

Previews

White Background



This preview shows how the RYB color 127, 159, 185 looks on a white background.

Color Contrast Check

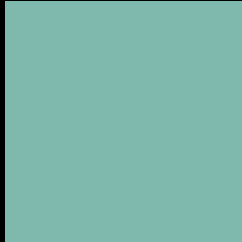
Large Text (above 18pt) WCAG AA × Fail

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 127, 159, 185 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 ✓ Pass

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

RYB 127, 159, 185 Background



This preview shows how black text looks on a background with the RYB color 127, 159, 185.

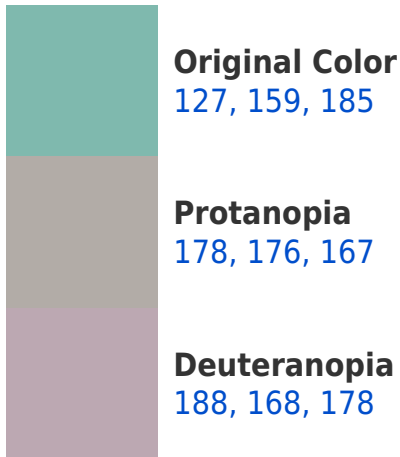


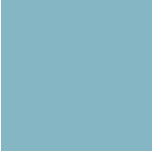
This preview shows how white text looks on a background with the RYB color 127, 159, 185.

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
132, 160, 196

Trichromacy



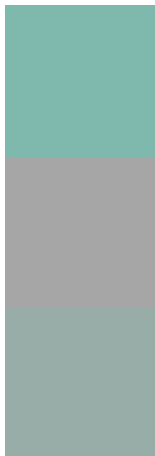
Original Color
127, 159, 185

Protanomaly
159, 170, 177

Deuteranomaly
166, 171, 177

Tritanomaly
130, 158, 188

Monochromacy



Original Color
127, 159, 185

Achromatopsia
166, 166, 166

Achromatomaly
152, 164, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 159, 185 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(127, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 174)  
}
```

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(127, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 174) }
```

Border

The CSS property to change the border of an element to RYB 127, 159, 185 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(127, 185, 174) }
```

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

```
.border{ border-color:rgb(127, 185, 174) }
```

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

Here you see how a box with a 4 pixel rgb(127, 185, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 127, 159, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 174) }
```

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

```
.background{ background-color: rgb(127,  
185, 174) }
```

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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