

Converting Colors

`RYB(107, 179, 178)`

Have a look what the booklet for
RYB(107, 179, 178) contains.

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Color

R_YB(107, 179, 178)

Conversions

Conversions Part 1

Format	Color
Hex	6CB36B
RGB	108, 179, 107
RGB Percent	42%, 70%, 42%
CMY	0.5765, 0.2980, 0.5804
CMYK	0.40, 0.00, 0.40, 0.30
HSL	119°, 32%, 56%
HSV	119°, 40%, 70%
XYZ	24.9583, 36.4899, 19.6377
YIQ	149.5630, -19.2040, -37.4440

Conversions

Conversions Part 2

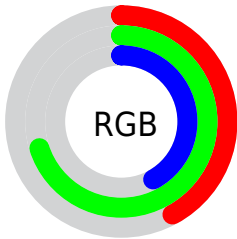
Format	Color
RYB	107, 179, 178
Decimal	7123819
CIELab	66.89, -37.11, 29.92
CIELCh	67, 47.672, 141.126
Yxy	36.4899, 0.3078, 0.4500
Android (android.graphics.Color)	4285313899 (0xFF6CB36B)
YUV	149.5630, -20.9836, -36.4508
Hunter-Lab	60.4069, -31.9612, 23.0101

Details

The RYB color **107, 179, 178** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **178, 107, 179**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **159, 235, 232**, and **55, 123, 126** is the 20% darker color. If you saturate the color by 10%, you get **89, 179, 178**, and if you desaturate by 10%, it is **125, 179, 178**.

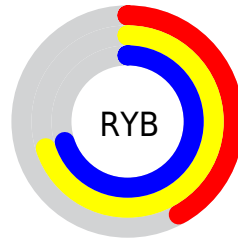
Distribution



Red (42%)

Green (70%)

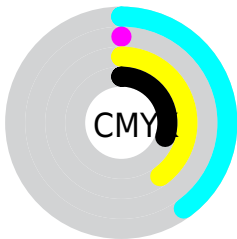
Blue (42%)



Red (42%)

Yellow (70%)

Blue (70%)

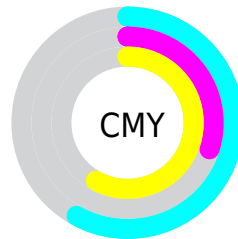


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (30%)



Cyan (58%)

Magenta (30%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 179, 178 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 107, 179, 178 by changing the saturation by 10% instead.

 107, 179, 178

255, 255, 255


 159, 235, 232


 186, 255, 251

 214, 255, 250

 243, 255, 250

 107, 179, 178


 81, 151, 152

 55, 123, 126


 25, 91, 100


 0, 66, 76


 0, 52, 52

 0, 32, 32


 0, 0, 0

 107, 179, 178


 89, 179, 178


 107, 179, 178


 125, 179, 178

 71, 179, 177


 143, 179, 179


 53, 179, 177

 161, 179, 179


 35, 179, 177

 179, 179, 179

 18, 179, 177

 196, 179, 196

 0, 179, 177

 214, 179, 214

 232, 179, 232

 249, 179, 250

 255, 179, 255

Harmonies

Analogous

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



80, 170, 92



107, 179, 178



17, 111, 184

Triad

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



107, 179, 178



48, 124, 247



244, 129, 134

Complementary

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



107, 179, 178



178, 107, 179

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.



236, 128, 177



107, 179, 178



146, 155, 243

Square

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



107, 179, 178



0, 101, 229



204, 140, 217



230, 161, 97

Rectangle

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



107, 179, 178



0, 94, 185



204, 140, 217



244, 127, 148

Sweetspot

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



107, 179, 178



204, 232, 231



108, 179, 107



101, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



107, 179, 178



121, 232, 231



107, 155, 179



80, 89, 89



0, 153, 151



0, 26, 26

Inverse Universe

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



178, 107, 179



231, 121, 232



179, 107, 144



89, 80, 89



151, 0, 153



25, 0, 26

Previews

White Background



This preview shows how the RYB color 107, 179, 178 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 107, 179, 178 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](#).

R Y B 107, 179, 178 Background



This preview shows how black text looks on a background with the RYB color 107, 179, 178.



This preview shows how white text looks on a background with the RYB color 107, 179, 178.

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
107, 179, 178

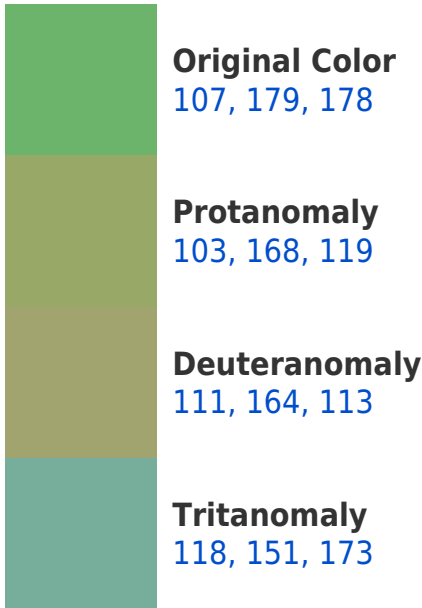
Protanopia
119, 177, 100

Deuteranopia
185, 193, 113

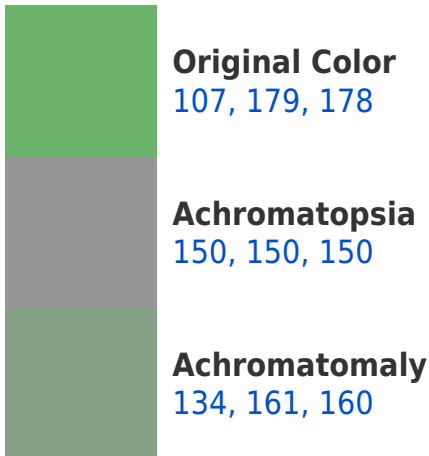


Tritanopia
123, 150, 184

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 179, 178 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(108, 179, 107)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 107)  
}
```

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(108, 179, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 179, 178 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(108, 179, 107) }
```

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

```
.border{ border-color:rgb(108, 179, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 107);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 179, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 107) }
```

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

```
.background{ background-color: rgb(108,  
179, 107) }
```

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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