

Converting Colors

`RYB(108, 179, 180)`

Have a look what the booklet for
RYB(108, 179, 180) contains.

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Color

R_YB(108, 179, 180)

Conversions

Conversions Part 1

Format	Color
Hex	6CB46D
RGB	108, 180, 109
RGB Percent	42%, 71%, 43%
CMY	0.5765, 0.2941, 0.5725
CMYK	0.40, 0.00, 0.39, 0.29
HSL	121°, 32%, 56%
HSV	121°, 40%, 71%
XYZ	25.2667, 36.9351, 20.2695
YIQ	150.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

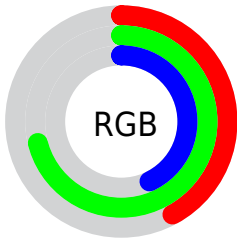
Format	Color
RYB	108, 179, 180
Decimal	7124077
CIELab	67.23, -37.25, 29.30
CIElCh	67, 47.391, 141.812
Yxy	36.9351, 0.3064, 0.4479
Android (android.graphics.Color)	4285314157 (0xFF6CB46D)
YUV	150.3780, -20.3994, -37.1655
Hunter-Lab	60.7742, -32.1442, 22.7675

Details

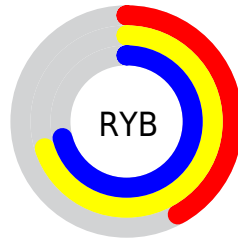
The RYB color **108, 179, 180** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **180, 108, 179**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **161, 236, 235**, and **55, 122, 127** is the 20% darker color. If you saturate the color by 10%, you get **90, 179, 180**, and if you desaturate by 10%, it is **126, 179, 180**.

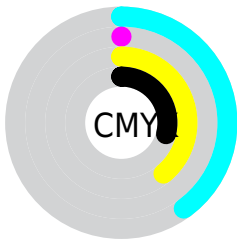
Distribution



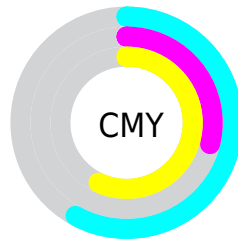
- Red (42%)
- Green (71%)
- Blue (43%)



- Red (42%)
- Yellow (70%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 179, 180 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 108, 179, 180 by changing the saturation by 10% instead.

 108, 179, 180

255, 255, 255


 161, 236, 235


 189, 255, 254

 217, 255, 253

 245, 255, 252

 108, 179, 180

 81, 150, 153

 55, 122, 127

 25, 91, 101


 0, 65, 76

 0, 53, 53

 0, 33, 33


 0, 0, 0

 108, 179, 180


 90, 179, 180

 108, 179, 180


 126, 179, 180


 72, 178, 180


 144, 179, 180

 54, 178, 180

 162, 180, 180

 36, 178, 180

 180, 180, 180

 18, 178, 180

 198, 180, 198

 0, 177, 180

 216, 180, 215

 234, 180, 233

 252, 180, 251

 255, 180, 255

Harmonies

Analogous

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



81, 171, 94



108, 179, 180



18, 111, 185

Triad

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



108, 179, 180



55, 128, 248



244, 130, 134

Complementary

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



108, 179, 180



180, 108, 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.



237, 129, 177



108, 179, 180



149, 156, 243

Square

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



108, 179, 180



0, 101, 230



205, 141, 217



230, 164, 98

Rectangle

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



108, 179, 180



0, 95, 186



205, 141, 217



244, 128, 148

Sweetspot

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



108, 179, 180



206, 234, 235



108, 180, 108



101, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



108, 179, 180



122, 233, 235



108, 156, 180



80, 89, 89



0, 151, 153



0, 26, 26

Inverse Universe

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



180, 108, 179



235, 122, 233



180, 108, 144



89, 80, 89



153, 0, 151



26, 0, 25

Previews

White Background



This preview shows how the RYB color 108, 179, 180 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 108, 179, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

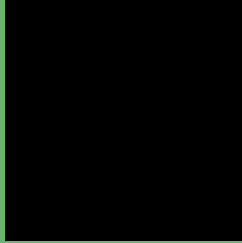
Any Text WCAG AA ✓ Pass

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 108, 179, 180 Background



This preview shows how black text looks on a background with the RYB color 108, 179, 180.

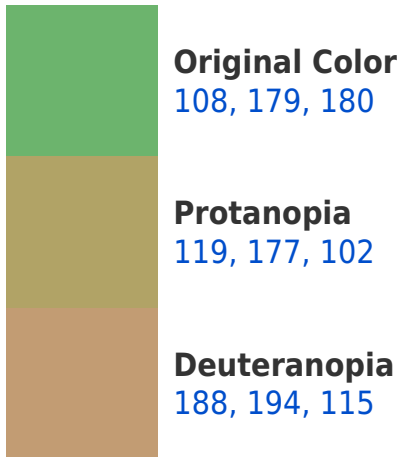



This preview shows how white text looks on a background with the RYB color 108, 179, 180.

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
123, 150, 185

Trichromacy



Original Color

108, 179, 180



Protanomaly

105, 169, 122



Deuteranomaly

113, 165, 115



Tritanomaly

118, 151, 174

Monochromacy



Original Color

108, 179, 180



Achromatopsia

150, 150, 150



Achromatomaly

135, 161, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 179, 180 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, 180, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 180, 109)  
}
```

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, 180, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 180, 109) }
```

Border

The CSS property to change the border of an element to RYB 108, 179, 180 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, 180, 109) }
```

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

```
.border{ border-color:rgb(108, 180, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 180, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 180, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 180, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 180,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 108, 179, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 180, 109) }
```

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

```
.background{ background-color: rgb(108,  
180, 109) }
```

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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