

Converting Colors

`RYB(118, 176, 174)`

Have a look what the booklet for
RYB(118, 176, 174) contains.

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Color

R_YB(118, 176, 174)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78B076 |
| RGB | 120, 176, 118 |
| RGB Percent | 47%, 69%, 46% |
| CMY | 0.5294, 0.3098, 0.5373 |
| CMYK | 0.32, 0.00, 0.33, 0.31 |
| HSL | 118°, 27%, 58% |
| HSV | 118°, 33%, 69% |
| XYZ | 26.5411, 36.3517, 22.7573 |
| YIQ | 152.6440, -14.7580, -29.9100 |

Conversions

Conversions Part 2

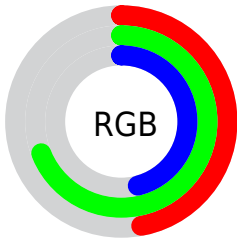
| Format | Color |
|-------------------------------------|--|
| RYB | 118, 176, 174 |
| Decimal | 7909494 |
| CIELab | 66.79, -30.03, 24.05 |
| CIElCh | 67, 38.474, 141.316 |
| Yxy | 36.3517, 0.3099, 0.4244 |
| Android (android.graphics.Color) | 4286099574 (0xFF78B076) |
| YUV | 152.6440, -17.0795, -28.6288 |
| Hunter-Lab | 60.2924, -26.9349, 19.8258 |

Details

The RYB color **118, 176, 174** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **174, 118, 176**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **171, 232, 229**, and **69, 123, 123** is the 20% darker color. If you saturate the color by 10%, you get **100, 176, 173**, and if you desaturate by 10%, it is **136, 176, 175**.

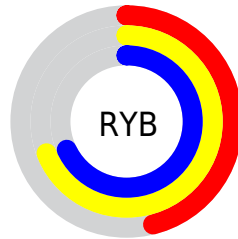
Distribution



Red (47%)

Green (69%)

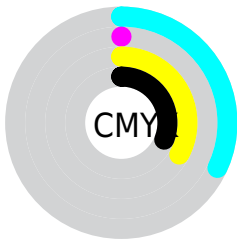
Blue (46%)



Red (46%)

Yellow (69%)

Blue (68%)

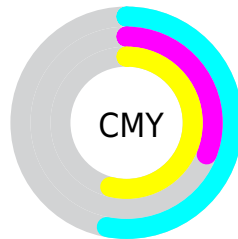


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 176, 174 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 118, 176, 174 by changing the saturation by 10% instead.

 118, 176, 174


255, 255, 255


 171, 232, 229


 198, 255, 251

 226, 255, 251

 118, 176, 174


 93, 149, 148

 69, 123, 123

 43, 95, 98

 16, 67, 74

 0, 50, 50


 0, 32, 32


 0, 0, 0

 118, 176, 174


 100, 176, 173


 118, 176, 174


 136, 176, 175

 83, 176, 173


 153, 176, 175

 65, 176, 172


 171, 176, 176


 48, 176, 172

 188, 176, 188

 30, 176, 171

 205, 176, 206

 12, 176, 170

 222, 176, 224

 0, 176, 170

 239, 176, 241

 255, 176, 255

Harmonies

Analogous

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



97, 168, 105



118, 176, 174



72, 134, 180

Triad

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



118, 176, 174



92, 141, 230



230, 136, 139

Complementary

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



118, 176, 174



174, 118, 176

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.



223, 136, 174



118, 176, 174



151, 157, 227

Square

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



118, 176, 174



0, 97, 216



196, 145, 206



219, 162, 110

Rectangle

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



118, 176, 174



28, 106, 181



196, 145, 206



229, 135, 151

Sweetspot

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



118, 176, 174



207, 230, 230



121, 176, 118



101, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



118, 176, 174



138, 230, 227



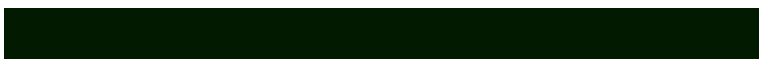
118, 158, 176



80, 89, 88



0, 153, 148



0, 26, 25

Inverse Universe

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



174, 118, 176



226, 138, 230



176, 118, 150



89, 80, 89



148, 0, 153



25, 0, 26

Previews

White Background



This preview shows how the RYB color 118, 176, 174 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 118, 176, 174 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 118, 176, 174 Background



This preview shows how black text looks on a background with the RYB color 118, 176, 174.

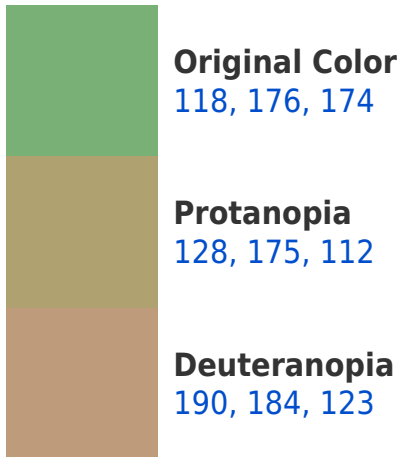


This preview shows how white text looks on a background with the RYB color 118, 176, 174.

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, 153, 182

Trichromacy



Original Color
118, 176, 174

Protanomaly
114, 167, 126

Deuteranomaly
123, 165, 121

Tritanomaly
128, 153, 171

Monochromacy



Original Color
118, 176, 174

Achromatopsia
153, 153, 153

Achromatomaly
140, 161, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 176, 174 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(120, 176, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 176, 118)  
}
```

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(120, 176, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 176, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 176, 174 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(120, 176, 118) }
```

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

```
.border{ border-color:rgb(120, 176, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 176, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 176, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 176, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 176,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 176, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 176, 118) }
```

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

```
.background{ background-color: rgb(120,  
176, 118) }
```

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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