

Converting Colors

`RYB(108, 175, 174)`

Have a look what the booklet for
RYB(108, 175, 174) contains.

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Color

R_YB(108, 175, 174)

Conversions

Conversions Part 1

Format	Color
Hex	6DAF6C
RGB	109, 175, 108
RGB Percent	43%, 69%, 42%
CMY	0.5725, 0.3137, 0.5765
CMYK	0.38, 0.00, 0.38, 0.31
HSL	119°, 30%, 55%
HSV	119°, 38%, 69%
XYZ	24.3434, 34.9939, 19.6588
YIQ	147.6280, -17.8290, -34.8290

Conversions

Conversions Part 2

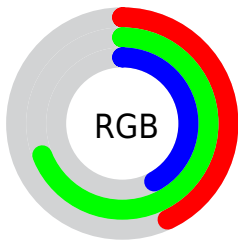
Format	Color
RYB	108, 175, 174
Decimal	7188332
CIELab	65.74, -34.81, 27.90
CIELCh	66, 44.614, 141.293
Yxy	34.9939, 0.3082, 0.4430
Android (android.graphics.Color)	4285378412 (0xFF6DAF6C)
YUV	147.6280, -19.5366, -33.8768
Hunter-Lab	59.1556, -30.0669, 21.7055

Details

The RYB color **108, 175, 174** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **174, 108, 175**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **160, 231, 228**, and **57, 120, 122** is the 20% darker color. If you saturate the color by 10%, you get **91, 175, 174**, and if you desaturate by 10%, it is **126, 175, 175**.

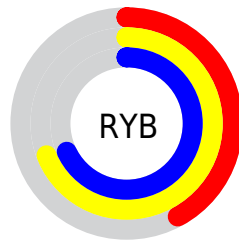
Distribution



Red (43%)

Green (69%)

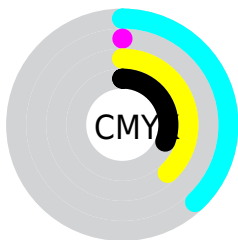
Blue (42%)



Red (42%)

Yellow (69%)

Blue (68%)

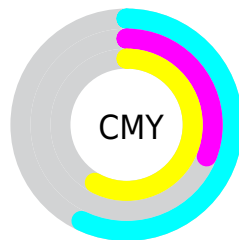


Cyan (38%)

Magenta (0%)

Yellow (38%)

Black (31%)



Cyan (57%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 175, 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 108, 175, 174 by changing the saturation by 10% instead.

 108, 175, 174

255, 255, 255


 160, 231, 228


 187, 255, 251

 215, 255, 251

 244, 255, 250

 108, 175, 174

 83, 148, 148

 57, 120, 122

 29, 91, 97


 0, 61, 72

 0, 49, 49

 0, 28, 28


 0, 0, 0

 108, 175, 174


 91, 175, 174


 108, 175, 174


 126, 175, 175

 73, 175, 173


 143, 175, 175

 55, 175, 173

 161, 175, 175


 38, 175, 173

 178, 175, 178


 20, 175, 172

 195, 175, 195

 3, 175, 172

 212, 175, 213

 0, 175, 172

 230, 175, 231

 247, 175, 248

 255, 175, 255

Harmonies

Analogous

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



83, 166, 93



108, 175, 174



38, 119, 180

Triad

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



108, 175, 174



63, 128, 238



236, 128, 133

Complementary

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



108, 175, 174



174, 108, 175

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.



228, 128, 173



108, 175, 174



145, 153, 234

Square

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



108, 175, 174



0, 98, 221



198, 138, 210



223, 158, 99

Rectangle

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



108, 175, 174



0, 92, 180



198, 138, 210



236, 127, 146

Sweetspot

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



108, 175, 174



202, 227, 227



109, 175, 108



100, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



108, 175, 174



123, 227, 226



108, 153, 175



78, 87, 87



0, 150, 148



0, 23, 23

Inverse Universe

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



174, 108, 175



225, 123, 227



175, 108, 143



87, 78, 87



148, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 108, 175, 174 looks on a white background.

Color Contrast Check

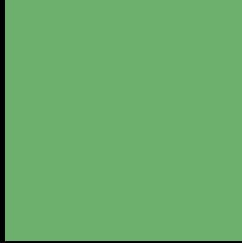
Large Text (above 18pt) WCAG AA × Fail

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 108, 175, 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](#).

R Y B 108, 175, 174 Background



This preview shows how black text looks on a background with the RYB color 108, 175, 174.

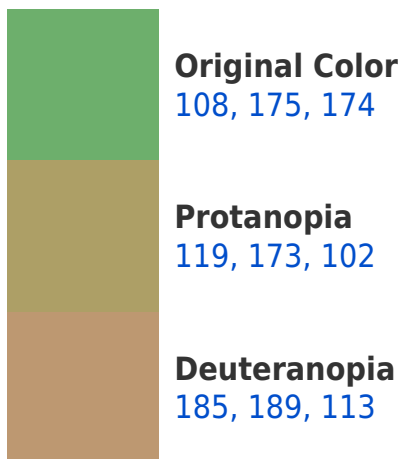


This preview shows how white text looks on a background with the RYB color 108, 175, 174.

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
123, 148, 180

Trichromacy



Original Color
108, 175, 174

Protanomaly
104, 165, 119

Deuteranomaly
111, 160, 111

Tritanomaly
118, 148, 169

Monochromacy



Original Color
108, 175, 174

Achromatopsia
148, 148, 148

Achromatomaly
133, 158, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 175, 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(109, 175, 108)` looks like.

```
.text, #text, p{  
    color:rgb(109, 175, 108)  
}
```

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(109, 175, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 175, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 175, 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(109, 175, 108) }
```

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

```
.border{ border-color:rgb(109, 175, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 175, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 175, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 175, 108);  
box-shadow:4px 4px 4px 4px rgb(109, 175,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 175, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 175, 108) }
```

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

```
.background{ background-color: rgb(109,  
175, 108) }
```

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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