

Converting Colors

`RYB(109, 176, 140)`

Have a look what the booklet for
RYB(109, 176, 140) contains.

RYB(109, 176, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(109, 176, 140)

Conversions

Conversions Part 1

Format	Color
Hex	91B06D
RGB	145, 176, 109
RGB Percent	57%, 69%, 43%
CMY	0.4314, 0.3098, 0.5725
CMYK	0.18, 0.00, 0.38, 0.31
HSL	88°, 30%, 56%
HSV	88°, 38%, 69%
XYZ	29.9627, 38.1745, 20.2572
YIQ	159.0930, 3.0310, -27.4090

Conversions

Conversions Part 2

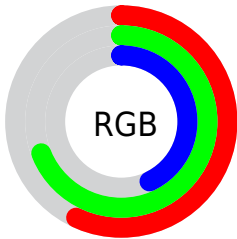
Format	Color
RYB	109, 176, 140
Decimal	9547885
CIELab	68.15, -22.42, 30.91
CIELCh	68, 38.185, 125.955
Yxy	38.1745, 0.3390, 0.4319
Android (android.graphics.Color)	4287737965 (0xFF91B06D)
YUV	159.0930, -24.6958, -12.3596
Hunter-Lab	61.7855, -21.5617, 23.8109

Details

The RYB color **109, 176, 140** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **140, 109, 176**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **161, 232, 193**, and **60, 123, 90** is the 20% darker color. If you saturate the color by 10%, you get **91, 176, 130**, and if you desaturate by 10%, it is **127, 176, 150**.

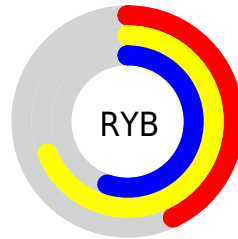
Distribution



Red (57%)

Green (69%)

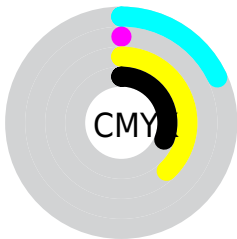
Blue (43%)



Red (43%)

Yellow (69%)

Blue (55%)

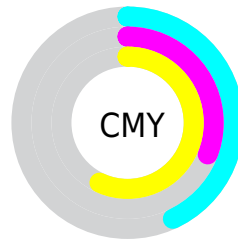


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (31%)



Cyan (43%)

Magenta (31%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 176, 140 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 109, 176, 140 by changing the saturation by 10% instead.

 109, 176, 140

255, 255, 255


 161, 232, 193


 189, 255, 216

 217, 255, 217

 245, 255, 245

 109, 176, 140


 84, 149, 114

 60, 123, 90

 37, 98, 67


 13, 74, 43

 0, 51, 28


 0, 31, 31

 0, 0, 0

 109, 176, 140

 91, 176, 130

 109, 176, 140

 127, 176, 150

■ 74, 176, 121

■ 144, 176, 159

■ 56, 176, 111

■ 162, 176, 169

■ 39, 176, 103

■ 178, 176, 179

■ 21, 176, 93

■ 186, 176, 197

■ 3, 176, 83

■ 194, 176, 215

■ 0, 176, 81

■ 202, 176, 232

■ 210, 176, 250

■ 218, 176, 255

Harmonies

Analogous

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



117, 182, 97



109, 176, 140



102, 158, 182

Triad

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



109, 176, 140



62, 130, 228



232, 139, 160

Complementary

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



109, 176, 140



140, 109, 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.



215, 143, 195



109, 176, 140



127, 156, 234

Square

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



109, 176, 140



0, 97, 205



179, 155, 222



230, 147, 127

Rectangle

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



109, 176, 140



69, 133, 184



179, 155, 222



229, 139, 172

Sweetspot

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



109, 176, 140



204, 230, 216



176, 163, 109



100, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



109, 176, 140



124, 230, 173



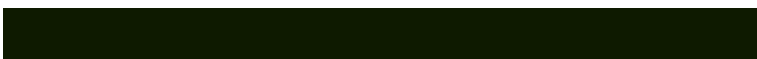
109, 176, 173



80, 89, 84



0, 153, 71



0, 26, 12

Inverse Universe

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



140, 109, 176



173, 124, 230



173, 109, 176



84, 80, 89



71, 0, 153



12, 0, 26

Previews

White Background



This preview shows how the RYB color 109, 176, 140 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 109, 176, 140 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 109, 176, 140 Background



This preview shows how black text looks on a background with the RYB color 109, 176, 140.



This preview shows how white text looks on a background with the RYB color 109, 176, 140.

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](#).

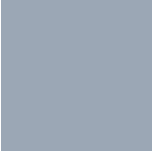
Dichromacy



Original Color
109, 176, 140

Protanopia
124, 181, 105

Deuteranopia
185, 198, 113



Tritanopia
155, 163, 181

Trichromacy



Original Color
109, 176, 140

Protanomaly
106, 170, 108

Deuteranomaly
130, 179, 112

Tritanomaly
151, 167, 170

Monochromacy



Original Color
109, 176, 140

Achromatopsia
159, 159, 159

Achromatomaly
141, 165, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 176, 140 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(145, 176, 109)` looks like.

```
.text, #text, p{  
    color:rgb(145, 176, 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(145, 176, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 176, 109) }
```

Border

The CSS property to change the border of an element to RYB 109, 176, 140 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(145, 176, 109) }
```

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

```
.border{ border-color:rgb(145, 176, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 176, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 176, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 176, 109);  
box-shadow:4px 4px 4px 4px rgb(145, 176,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 109, 176, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 176, 109) }
```

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

```
.background{ background-color: rgb(145,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor