

Converting Colors

`RYB(107, 148, 114)`

Have a look what the booklet for
RYB(107, 148, 114) contains.

RYB(107, 148, 114)	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(107, 148, 114)

Conversions

Conversions Part 1

Format	Color
Hex	8D946B
RGB	141, 148, 107
RGB Percent	55%, 58%, 42%
CMY	0.4471, 0.4196, 0.5804
CMYK	0.05, 0.00, 0.28, 0.42
HSL	70°, 16%, 50%
HSV	70°, 28%, 58%
XYZ	24.2283, 27.9041, 18.0190
YIQ	141.2330, 8.9890, -14.2350

Conversions

Conversions Part 2

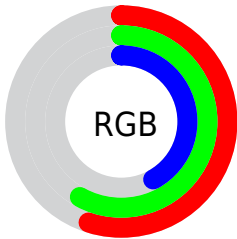
Format	Color
RYB	107, 148, 114
Decimal	9278571
CIELab	59.80, -9.70, 20.89
CIElCh	60, 23.033, 114.919
Yxy	27.9041, 0.3454, 0.3978
Android (android.graphics.Color)	4287468651 (0xFF8D946B)
YUV	141.2330, -16.8769, -0.2043
Hunter-Lab	52.8243, -10.5722, 16.7525

Details

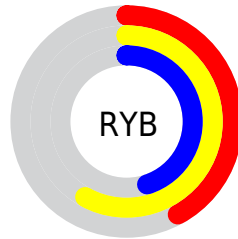
The RYB color **107, 148, 114** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114, 107, 148**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **159, 202, 166**, and **59, 97, 66** is the 20% darker color. If you saturate the color by 10%, you get **92, 148, 102**, and if you desaturate by 10%, it is **122, 148, 126**.

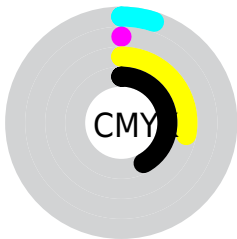
Distribution



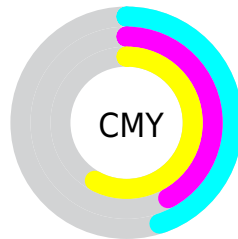
- Red (55%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 148, 114 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, 148, 114 by changing the saturation by 10% instead.

■ 107, 148, 114

255, 255, 255

■ 159, 202, 166

■ 186, 230, 193

■ 213, 255, 216

■ 242, 255, 242

■ 107, 148, 114

■ 92, 148, 102

■ 77, 148, 89

■ 107, 148, 114

■ 83, 122, 90

■ 59, 97, 66

■ 37, 74, 45

■ 16, 51, 23

■ 0, 30, 7

■ 0, 0, 0

■ 107, 148, 114

■ 122, 148, 126

■ 137, 148, 139

■ 63, 148, 78

■ 149, 148, 151

■ 48, 148, 65

■ 151, 148, 166

■ 33, 148, 53

■ 154, 148, 181

■ 18, 148, 40

■ 156, 148, 196

■ 3, 148, 28

■ 159, 148, 211

■ 0, 148, 25

■ 161, 148, 225

■ 164, 148, 240

Harmonies

Analogous

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



135, 162, 104



107, 148, 114



118, 151, 153

Triad

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



107, 148, 114



90, 126, 177



182, 130, 148

Complementary

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



107, 148, 114



114, 107, 148

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.



167, 133, 168



107, 148, 114



114, 136, 184

Square

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



107, 148, 114



84, 121, 160



143, 140, 181



185, 130, 128

Rectangle

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



107, 148, 114



103, 136, 155



143, 140, 181



178, 130, 155

Sweetspot

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



107, 148, 114



176, 191, 178



148, 115, 107



87, 97, 89



224, 224, 224



97, 97, 97

Same Dimension

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



107, 148, 114



128, 191, 139



107, 148, 134



67, 74, 68



0, 138, 24



0, 10, 2

Inverse Universe

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



114, 107, 148



139, 128, 191



134, 107, 148



68, 67, 74



24, 0, 138



2, 0, 10

Previews

White Background



This preview shows how the RYB color 107, 148, 114 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 148, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

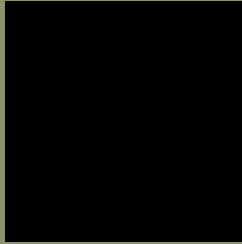
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 107, 148, 114 Background



This preview shows how black text looks on a background with the RYB color 107, 148, 114.



This preview shows how white text looks on a background with the RYB color 107, 148, 114.

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, 148, 114

Protanopia
119, 155, 105

Deuteranopia
169, 165, 109



Tritanopia
147, 142, 153

Trichromacy



Original Color

107, 148, 114

Protanomaly

112, 150, 106

Deuteranomaly

134, 159, 108

Tritanomaly

137, 145, 136

Monochromacy



Original Color

107, 148, 114

Achromatopsia

141, 141, 141

Achromatomaly

129, 144, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 148, 114 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(141, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(141, 148, 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(141, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 148, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 148, 114 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(141, 148, 107) }
```

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

```
.border{ border-color:rgb(141, 148, 107) }
```

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

Here you see how a box with a 4 pixel rgb(141, 148, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(141, 148,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 148, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 148, 107) }
```

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

```
.background{ background-color: rgb(141,  
148, 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](#).

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