

Converting Colors

`RYB(148, 142, 107)`

Have a look what the booklet for
RYB(148, 142, 107) contains.

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Color

R_YB(148, 142, 107)

Conversions

Conversions Part 1

Format	Color
Hex	947E6B
RGB	148, 126, 107
RGB Percent	58%, 49%, 42%
CMY	0.4196, 0.5063, 0.5804
CMYK	0.00, 0.15, 0.28, 0.42
HSL	28°, 16%, 50%
HSV	28°, 28%, 58%
XYZ	22.3123, 22.2489, 17.0284
YIQ	130.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

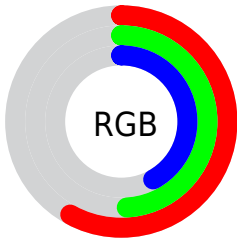
Format	Color
R_{YB}	148, 142, 107
Decimal	9731691
CIE _{Lab}	54.29, 5.47, 13.44
CIE _{LCh}	54, 14.505, 67.860
Yxy	22.2489, 0.3623, 0.3612
Android (android.graphics.Color)	4287921771 (0xFF947E6B)
YUV	130.4120, -11.5421, 15.4247
Hunter-Lab	47.1687, 1.8909, 11.6138

Details

The RYB color **148, 142, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 121, 148**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **203, 197, 158**, and **97, 91, 60** is the 20% darker color. If you saturate the color by 10%, you get **148, 141, 92**, and if you desaturate by 10%, it is **148, 144, 122**.

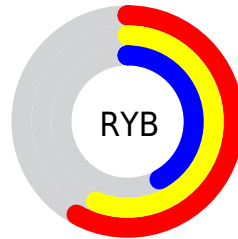
Distribution



Red (58%)

Green (49%)

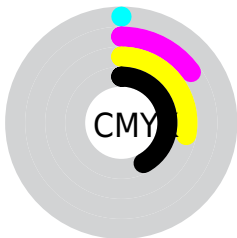
Blue (42%)



Red (58%)

Yellow (56%)

Blue (42%)

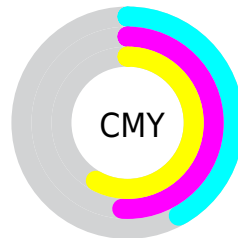


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 148, 142, 107 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 148, 142, 107 by changing the saturation by 10% instead.

 148, 142, 107


255, 255, 255

 203, 197, 158

 231, 224, 185

 255, 255, 213

 241, 255, 241

 148, 142, 107

 122, 116, 83

 97, 91, 60


 72, 68, 38

 49, 49, 17

 28, 18, 0


 0, 0, 0


 148, 142, 107

 148, 141, 92

 148, 139, 77

 148, 142, 107

 148, 144, 122

 148, 146, 137

■ 148, 135, 63

■ 148, 149, 151

■ 148, 133, 48

■ 148, 154, 166

■ 148, 131, 33

■ 148, 160, 181

■ 148, 129, 18

■ 148, 165, 196

■ 148, 128, 3

■ 148, 170, 211

■ 148, 126, 0

■ 148, 175, 225

■ 148, 180, 240

Harmonies

Analogous

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



155, 123, 115



148, 142, 107



112, 136, 105

Triad

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



148, 142, 107



99, 119, 137



136, 126, 150

Complementary

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



148, 142, 107



107, 121, 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.



120, 128, 154



148, 142, 107



97, 119, 145

Square

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



148, 142, 107



108, 128, 136



105, 123, 153



149, 122, 140

Rectangle

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



148, 142, 107



108, 133, 114



105, 123, 153



131, 127, 152

Sweetspot

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



148, 142, 107



191, 189, 176



148, 107, 130



97, 97, 87



224, 224, 224



97, 97, 97

Same Dimension

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



148, 142, 107



191, 182, 128



109, 148, 107



74, 72, 67



138, 116, 0



10, 10, 0

Inverse Universe

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



107, 121, 148



128, 150, 191



107, 109, 148



67, 70, 74



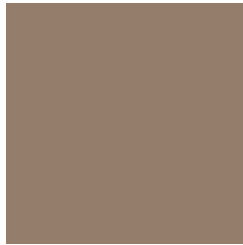
0, 48, 138



0, 4, 10

Previews

White Background



This preview shows how the RYB color 148, 142, 107 looks on a white background.

Color Contrast Check

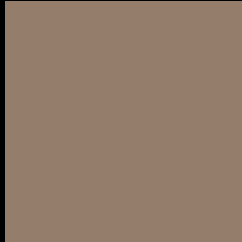
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 142, 107 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 148, 142, 107 Background



This preview shows how black text looks on a background with the RYB color 148, 142, 107.



This preview shows how white text looks on a background with the RYB color 148, 142, 107.

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

148, 142, 107

Protanopia

118, 137, 109

Deuteranopia

150, 138, 107



Tritanopia

151, 122, 132

Trichromacy



Original Color

148, 142, 107

Protanomaly

127, 141, 108

Deuteranomaly

149, 139, 107

Tritanomaly

150, 123, 123

Monochromacy



Original Color

148, 142, 107

Achromatopsia

130, 130, 130

Achromatomaly

137, 135, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 142, 107 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(148, 126, 107) looks like.

```
.text, #text, p{  
    color:rgb(148, 126, 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(148, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 126, 107) }
```

Border

The CSS property to change the border of an element to RYB 148, 142, 107 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(148, 126, 107) }
```

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

```
.border{ border-color:rgb(148, 126, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 126, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 126,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 148, 142, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 126, 107) }
```

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

```
.background{ background-color: rgb(148,  
126, 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](#).

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