

Converting Colors

`RYB(148, 122, 107)`

Have a look what the booklet for
RYB(148, 122, 107) contains.

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Color

R_YB(148, 122, 107)

Conversions

Conversions Part 1

Format	Color
Hex	94766B
RGB	148, 118, 107
RGB Percent	58%, 46%, 42%
CMY	0.4196, 0.5373, 0.5804
CMYK	0.00, 0.20, 0.28, 0.42
HSL	16°, 16%, 50%
HSV	16°, 28%, 58%
XYZ	21.3429, 20.3101, 16.7053
YIQ	125.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

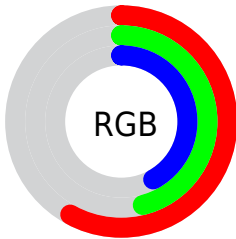
Format	Color
R_{YB}	148, 122, 107
Decimal	9729643
CIE _{Lab}	52.19, 10.00, 10.49
CIE _{LCh}	52, 14.497, 46.373
Yxy	20.3101, 0.3657, 0.3480
Android (android.graphics.Color)	4287919723 (0xFF94766B)
YUV	125.7160, -9.2270, 19.5431
Hunter-Lab	45.0667, 5.6681, 9.5692

Details

The RYB color **148, 122, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 124, 148**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **203, 174, 158**, and **96, 74, 60** is the 20% darker color. If you saturate the color by 10%, you get **148, 112, 92**, and if you desaturate by 10%, it is **148, 132, 122**.

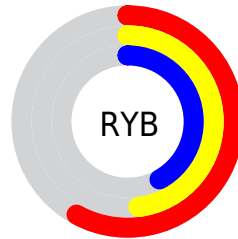
Distribution



Red (58%)

Green (46%)

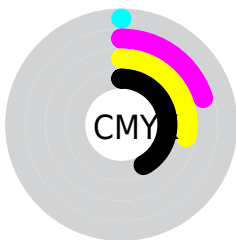
Blue (42%)



Red (58%)

Yellow (48%)

Blue (42%)

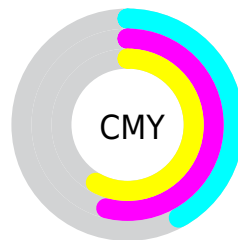


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (42%)



Cyan (42%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 122, 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, 122, 107 by changing the saturation by 10% instead.

 148, 122, 107

255, 255, 255

 203, 174, 158

 231, 201, 185

 255, 230, 213

 242, 255, 241

 148, 122, 107

 148, 112, 92

 148, 103, 77

 148, 122, 107

 122, 96, 83


 96, 74, 60


 72, 50, 38

 49, 30, 17

 28, 0, 0

 0, 0, 0

 148, 122, 107

 148, 132, 122

 148, 141, 137

■ 148, 93, 63

■ 148, 149, 151

■ 148, 85, 48

■ 148, 156, 166

■ 148, 75, 33

■ 148, 162, 181

■ 148, 66, 18

■ 148, 168, 196

■ 148, 56, 3

■ 148, 175, 211

■ 148, 55, 0

■ 148, 181, 225

■ 148, 187, 240

Harmonies

Analogous

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



151, 116, 118



148, 122, 107



134, 140, 101

Triad

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



148, 122, 107



100, 120, 131



119, 123, 148

Complementary

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



148, 122, 107



107, 124, 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.



103, 119, 148



148, 122, 107



92, 112, 132

Square

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



148, 122, 107



107, 129, 123



93, 114, 142



135, 119, 142

Rectangle

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



148, 122, 107



109, 131, 100



93, 114, 142



114, 122, 149

Sweetspot

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



148, 122, 107



191, 181, 176



148, 107, 137



97, 91, 87



224, 224, 224



97, 97, 97

Same Dimension

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



148, 122, 107



191, 151, 128



120, 148, 107



74, 70, 67



138, 51, 0



10, 4, 0

Inverse Universe

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



107, 124, 148



128, 155, 191



107, 115, 148



67, 70, 74



0, 58, 138



0, 4, 10

Previews

White Background



This preview shows how the RYB color 148, 122, 107 looks on a white background.

Color Contrast Check

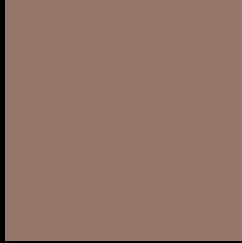
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

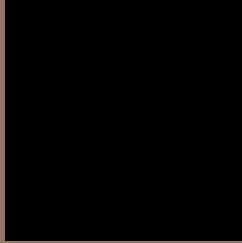
Any Text WCAG AA ✓ Pass

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, 122, 107 Background



This preview shows how black text looks on a background with the RYB color 148, 122, 107.



This preview shows how white text looks on a background with the RYB color 148, 122, 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, 122, 107

Protanopia
119, 130, 110

Deuteranopia
143, 127, 107



Tritanopia
150, 115, 124

Trichromacy



Original Color

148, 122, 107

Protanomaly

137, 133, 109

Deuteranomaly

145, 125, 107

Tritanomaly

149, 116, 118

Monochromacy



Original Color

148, 122, 107

Achromatopsia

126, 126, 126

Achromatomaly

134, 124, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 122, 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, 118, 107) looks like.

```
.text, #text, p{  
    color:rgb(148, 118, 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, 118, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 118, 107) }
```

Border

The CSS property to change the border of an element to RYB 148, 122, 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, 118, 107) }
```

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

```
.border{ border-color:rgb(148, 118, 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, 118, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 118, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 118, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 118,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 148, 122, 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, 118, 107) }
```

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

```
.background{ background-color: rgb(148,  
118, 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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