

Converting Colors

`RYB(124, 148, 118)`

Have a look what the booklet for
RYB(124, 148, 118) contains.

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Color

R_YB(124, 148, 118)

Conversions

Conversions Part 1

Format	Color
Hex	948F76
RGB	148, 143, 118
RGB Percent	58%, 56%, 46%
CMY	0.4196, 0.4392, 0.5373
CMYK	0.00, 0.03, 0.20, 0.42
HSL	50°, 12%, 52%
HSV	50°, 20%, 58%
XYZ	25.3052, 27.2488, 21.0654
YIQ	141.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

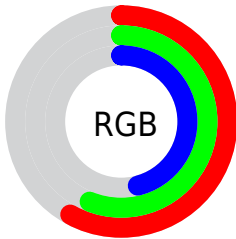
Format	Color
R_{YB}	124, 148, 118
Decimal	9736054
CIE _{Lab}	59.20, -2.50, 13.99
CIE _{LCh}	59, 14.210, 100.122
Yxy	27.2488, 0.3437, 0.3701
Android (android.graphics.Color)	4287926134 (0xFF948F76)
YUV	141.6450, -11.6570, 5.5733
Hunter-Lab	52.2004, -4.8192, 12.6139

Details

The RYB color **124, 148, 118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118, 122, 148**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **176, 202, 170**, and **75, 97, 70** is the 20% darker color. If you saturate the color by 10%, you get **111, 148, 103**, and if you desaturate by 10%, it is **137, 148, 133**.

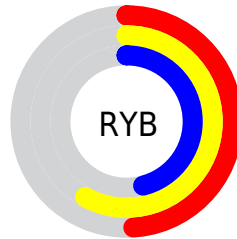
Distribution



Red (58%)

Green (56%)

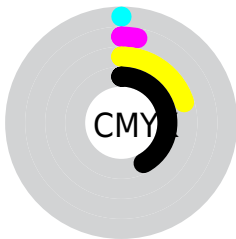
Blue (46%)



Red (49%)

Yellow (58%)

Blue (46%)

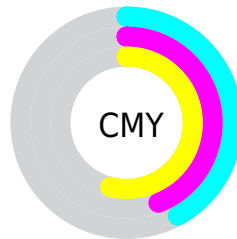


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 148, 118 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 124, 148, 118 by changing the saturation by 10% instead.

 124, 148, 118

255, 255, 255


 176, 202, 170


 203, 230, 197

 228, 255, 226


254, 255, 254

 124, 148, 118

 111, 148, 103

 100, 148, 88

 124, 148, 118

 99, 122, 93

 75, 97, 70

 52, 73, 47

 29, 50, 26

 5, 30, 0

 0, 0, 0

 124, 148, 118

 137, 148, 133

 148, 148, 148

88, 148, 74

148, 150, 162

77, 148, 59

148, 152, 177

64, 148, 44

148, 154, 192

53, 148, 29

148, 157, 207

40, 148, 14

148, 158, 222

30, 148, 0

148, 161, 236

148, 163, 251

Harmonies

Analogous

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



160, 158, 119



124, 148, 118



123, 147, 136

Triad

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



124, 148, 118



110, 132, 158



162, 135, 151

Complementary

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



124, 148, 118



118, 122, 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.



150, 138, 162



124, 148, 118



119, 136, 166

Square

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



124, 148, 118



111, 132, 150



134, 140, 167



169, 134, 139

Rectangle

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



124, 148, 118



124, 143, 148



134, 140, 167



159, 136, 155

Sweetspot

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



124, 148, 118



182, 191, 180



148, 118, 123



91, 97, 90



224, 224, 224



97, 97, 97

Same Dimension

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



124, 148, 118



153, 191, 145



118, 148, 127



68, 74, 67



28, 138, 0



3, 10, 0

Inverse Universe

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



118, 122, 148



145, 152, 191



128, 118, 148



67, 68, 74



0, 20, 138



0, 2, 10

Previews

White Background



This preview shows how the RYB color 124, 148, 118 looks on a white background.

Color Contrast Check

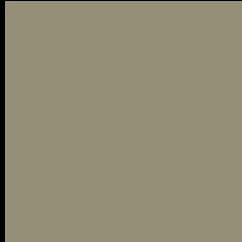
Large Text (above 18pt) WCAG AA ✓ Pass

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 124, 148, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

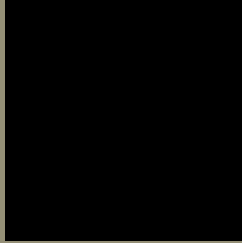
Any Text WCAG AA ✓ Pass

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](#).

R Y B 124, 148, 118 Background



This preview shows how black text looks on a background with the RYB color 124, 148, 118.



This preview shows how white text looks on a background with the RYB color 124, 148, 118.

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
124, 148, 118

Protanopia
130, 151, 118

Deuteranopia
164, 149, 119



Tritanopia
152, 139, 150

Trichromacy



Original Color

124, 148, 118

Protanomaly

129, 150, 118

Deuteranomaly

156, 158, 119

Tritanomaly

151, 140, 138

Monochromacy



Original Color

124, 148, 118

Achromatopsia

142, 142, 142

Achromatomaly

135, 144, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 148, 118 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, 143, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 143, 118)  
}
```

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, 143, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 143, 118) }
```

Border

The CSS property to change the border of an element to RYB 124, 148, 118 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, 143, 118) }
```

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

```
.border{ border-color:rgb(148, 143, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 143, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 143, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 143, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 143,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 124, 148, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 143, 118) }
```

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

```
.background{ background-color: rgb(148,  
143, 118) }
```

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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