

Converting Colors

`RYB(147, 127, 118)`

Have a look what the booklet for
RYB(147, 127, 118) contains.

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Color

R_YB(147, 127, 118)

Conversions

Conversions Part 1

Format	Color
Hex	937D76
RGB	147, 125, 118
RGB Percent	58%, 49%, 46%
CMY	0.4235, 0.5103, 0.5373
CMYK	0.00, 0.15, 0.20, 0.42
HSL	14°, 12%, 52%
HSV	14°, 20%, 58%
XYZ	22.6196, 22.1450, 20.2218
YIQ	130.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

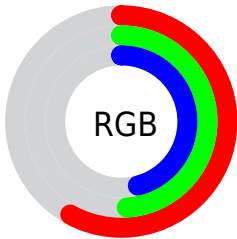
Format	Color
R_{YB}	147, 127, 118
Decimal	9665910
CIE Lab	54.18, 7.35, 6.89
CIE LCh	54, 10.075, 43.168
Yxy	22.1450, 0.3481, 0.3408
Android (android.graphics.Color)	4287855990 (0xFF937D76)
YUV	130.7800, -6.3005, 14.2249
Hunter-Lab	47.0585, 3.4473, 7.4631

Details

The RYB color **147, 127, 118** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **118, 131, 147**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **201, 181, 170**, and **96, 78, 70** is the 20% darker color. If you saturate the color by 10%, you get **147, 118, 103**, and if you desaturate by 10%, it is **147, 137, 133**.

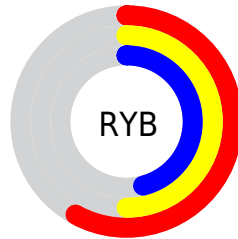
Distribution



Red (58%)

Green (49%)

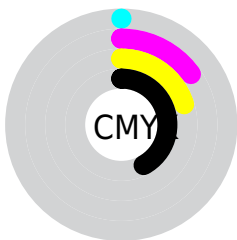
Blue (46%)



Red (58%)

Yellow (50%)

Blue (46%)

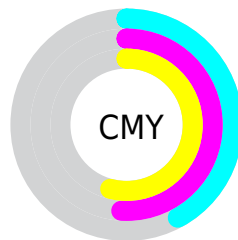


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the RYB color 147, 127, 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 147, 127, 118 by changing the saturation by 10% instead.

 147, 127, 118

255, 255, 255


 201, 179, 170

 229, 208, 197

 255, 236, 225


254, 255, 254

 147, 127, 118

 147, 118, 103

 147, 106, 89

 147, 127, 118

 121, 102, 93

 96, 78, 70


 72, 55, 47


 49, 33, 27

 30, 13, 0

 0, 0, 0

 147, 127, 118

 147, 137, 133

 147, 147, 147

■ 147, 96, 74

■ 147, 154, 162

■ 147, 87, 59

■ 147, 160, 177

■ 147, 76, 45

■ 147, 166, 191

■ 147, 67, 30

■ 147, 173, 206

■ 147, 56, 15

■ 147, 179, 221

■ 147, 46, 0

■ 147, 186, 236

■ 147, 192, 250

Harmonies

Analogous

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



148, 124, 126



147, 127, 118



141, 141, 113

Triad

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



147, 127, 118



114, 127, 134



125, 128, 146

Complementary

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



147, 127, 118



118, 131, 147

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.



115, 126, 146



147, 127, 118



108, 122, 135

Square

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



147, 127, 118



117, 133, 127



108, 123, 141



136, 126, 142

Rectangle

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



147, 127, 118



122, 136, 112



108, 123, 141



121, 128, 147

Sweetspot

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



147, 127, 118



191, 182, 180



147, 118, 140



97, 93, 90



224, 224, 224



97, 97, 97

Same Dimension

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



147, 127, 118



191, 159, 145



129, 147, 118



74, 68, 67



138, 43, 0



10, 3, 0

Inverse Universe

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



118, 131, 147



145, 165, 191



118, 124, 147



67, 70, 74



0, 60, 138



0, 4, 10

Previews

White Background



This preview shows how the RYB color 147, 127, 118 looks on a white background.

Color Contrast Check

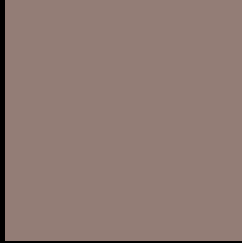
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 127, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

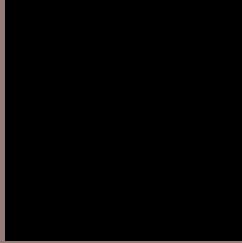
Any Text WCAG AA ✓ Pass

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](#).

RYB 147, 127, 118 Background



This preview shows how black text looks on a background with the RYB color 147, 127, 118.



This preview shows how white text looks on a background with the RYB color 147, 127, 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

147, 127, 118

Protanopia

128, 134, 120

Deuteranopia

147, 127, 118



Tritanopia
149, 123, 132

Trichromacy



Original Color

147, 127, 118

Protanomaly

139, 132, 119

Deuteranomaly

147, 127, 118

Tritanomaly

148, 124, 127

Monochromacy



Original Color

147, 127, 118

Achromatopsia

131, 131, 131

Achromatomaly

137, 130, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 127, 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(147, 125, 118) looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 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(147, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 118) }
```

Border

The CSS property to change the border of an element to RYB 147, 127, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

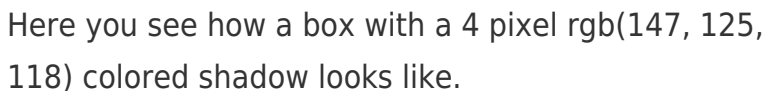
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 125, 118) }
```

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

```
.border{ border-color:rgb(147, 125, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 125, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 125, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 125, 118); box-shadow:4px 4px 4px 4px rgb(147, 125, 118) }
```

Background

The CSS property to change the background color of an element to RYB 147, 127, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 118) }
```

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

```
.background{ background-color: rgb(147,  
125, 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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