

Converting Colors

`RYB(177, 150, 119)`

Have a look what the booklet for
RYB(177, 150, 119) contains.

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Color

R_YB(177, 150, 119)

Conversions

Conversions Part 1

Format	Color
Hex	B18B77
RGB	177, 139, 119
RGB Percent	69%, 55%, 47%
CMY	0.3059, 0.4541, 0.5333
CMYK	0.00, 0.21, 0.33, 0.31
HSL	21°, 27%, 58%
HSV	21°, 33%, 69%
XYZ	30.7232, 29.2029, 21.4702
YIQ	148.0820, 29.0680, 1.8360

Conversions

Conversions Part 2

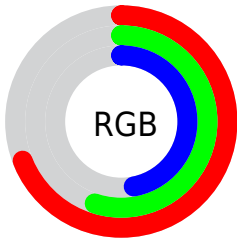
Format	Color
R_{YB}	177, 150, 119
Decimal	11635575
CIE _{Lab}	60.96, 11.42, 16.28
CIE _{LCh}	61, 19.887, 54.950
Yxy	29.2029, 0.3775, 0.3588
Android (android.graphics.Color)	4289825655 (0xFFB18B77)
YUV	148.0820, -14.3374, 25.3611
Hunter-Lab	54.0397, 6.9131, 14.2716

Details

The RYB color **177, 150, 119** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **119, 142, 177**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **234, 205, 171**, and **123, 99, 71** is the 20% darker color. If you saturate the color by 10%, you get **177, 143, 101**, and if you desaturate by 10%, it is **177, 159, 137**.

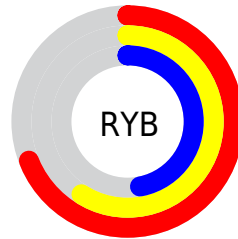
Distribution



Red (69%)

Green (55%)

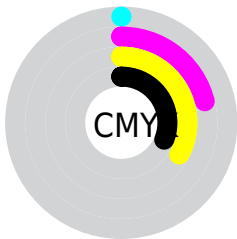
Blue (47%)



Red (69%)

Yellow (59%)

Blue (47%)

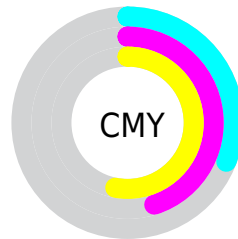


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 150, 119 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 177, 150, 119 by changing the saturation by 10% instead.

 177, 150, 119


255, 255, 255

 234, 205, 171

 255, 235, 199

 235, 255, 227

 177, 150, 119

 150, 125, 94

 123, 99, 71

 97, 76, 48

 72, 52, 27


 49, 42, 1

 27, 0, 0

 0, 0, 0


 177, 150, 119

 177, 143, 101

 177, 150, 119

 177, 159, 137

 177, 133, 84

 177, 166, 154

 177, 126, 66

 177, 175, 172

 177, 117, 48

 177, 182, 190

 177, 109, 31

 177, 189, 208

 177, 100, 13

 177, 196, 225

 177, 95, 0

 177, 203, 243

 177, 209, 255

 177, 213, 255

Harmonies

Analogous

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



183, 135, 133



177, 150, 119



140, 163, 112

Triad

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



177, 150, 119



107, 136, 157



146, 144, 179

Complementary

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



177, 150, 119



119, 142, 177

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.



122, 141, 182



177, 150, 119



98, 128, 161

Square

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



177, 150, 119



125, 154, 155



103, 133, 175



167, 138, 167

Rectangle

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



177, 150, 119



115, 151, 113



103, 133, 175



138, 145, 181

Sweetspot

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



177, 150, 119



230, 219, 207



177, 119, 158



115, 109, 101



242, 242, 242



115, 115, 115

Same Dimension

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



177, 150, 119



230, 187, 140



131, 177, 119



89, 85, 80



153, 81, 0



26, 14, 0

Inverse Universe

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



119, 142, 177



140, 175, 230



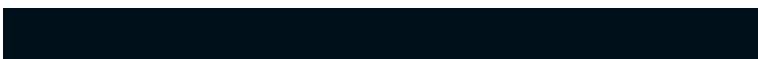
119, 128, 177



80, 84, 89



0, 60, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 177, 150, 119 looks on a white background.

Color Contrast Check

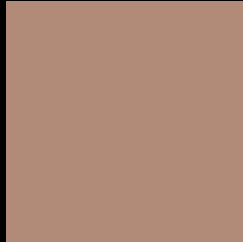
Large Text (above 18pt) WCAG AA ✓ Pass

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 177, 150, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

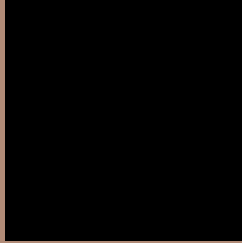
Any Text WCAG AA ✓ Pass

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 177, 150, 119 Background



This preview shows how black text looks on a background with the RYB color 177, 150, 119.



This preview shows how white text looks on a background with the RYB color 177, 150, 119.

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
177, 150, 119

Protanopia
134, 155, 123

Deuteranopia
171, 160, 119



Tritanopia
180, 135, 146

Trichromacy



Original Color

177, 150, 119

Protanomaly

157, 163, 122

Deuteranomaly

173, 156, 119

Tritanomaly

179, 137, 136

Monochromacy



Original Color

177, 150, 119

Achromatopsia

148, 148, 148

Achromatomaly

159, 150, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 150, 119 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(177, 139, 119)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 119)  
}
```

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(177, 139, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 119) }
```

Border

The CSS property to change the border of an element to RYB 177, 150, 119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

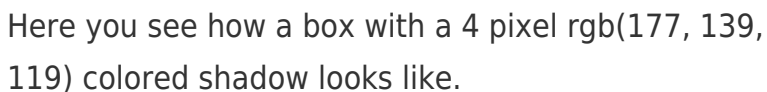
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 139, 119) }
```

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

```
.border{ border-color:rgb(177, 139, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 139, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 139, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 139, 119); box-shadow:4px 4px 4px 4px rgb(177, 139, 119) }
```

Background

The CSS property to change the background color of an element to RYB 177, 150, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 119) }
```

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

```
.background{ background-color: rgb(177,  
139, 119) }
```

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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