

Converting Colors

`RYB(130, 149, 119)`

Have a look what the booklet for
RYB(130, 149, 119) contains.

RYB(130, 149, 119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(130, 149, 119)

Conversions

Conversions Part 1

Format	Color
Hex	958D77
RGB	149, 141, 119
RGB Percent	58%, 55%, 47%
CMY	0.4157, 0.4473, 0.5333
CMYK	0.00, 0.05, 0.20, 0.42
HSL	44°, 12%, 53%
HSV	44°, 20%, 58%
XYZ	25.2419, 26.7568, 21.2870
YIQ	140.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

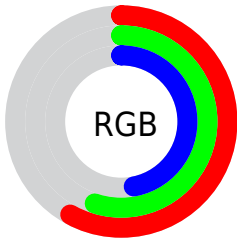
Format	Color
R_{YB}	130, 149, 119
Decimal	9801079
CIE Lab	58.75, -0.80, 12.80
CIE LCh	59, 12.825, 93.590
Yxy	26.7568, 0.3444, 0.3651
Android (android.graphics.Color)	4287991159 (0xFF958D77)
YUV	140.8840, -10.7888, 7.1177
Hunter-Lab	51.7270, -3.4174, 11.8096

Details

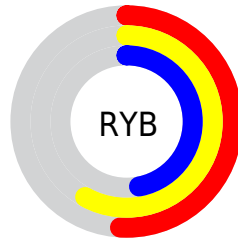
The RYB color **130, 149, 119** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **119, 125, 149**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **182, 203, 171**, and **80, 98, 71** is the 20% darker color. If you saturate the color by 10%, you get **120, 149, 104**, and if you desaturate by 10%, it is **139, 149, 134**.

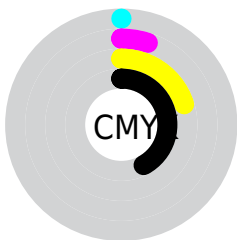
Distribution



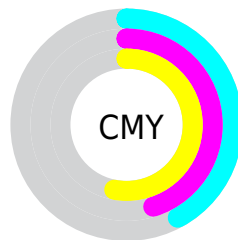
- Red (58%)
- Green (55%)
- Blue (47%)



- Red (51%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 149, 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 130, 149, 119 by changing the saturation by 10% instead.

■ 130, 149, 119

255, 255, 255

■ 184, 203, 171

■ 213, 232, 199

■ 232, 255, 227

■ 130, 149, 119

■ 105, 123, 94

■ 80, 98, 71

■ 56, 74, 48

■ 35, 51, 27

■ 9, 31, 1

■ 0, 0, 0

■ 130, 149, 119

■ 120, 149, 104

■ 111, 149, 89

■ 130, 149, 119

■ 139, 149, 134

■ 149, 149, 149

■ 101, 149, 74

■ 149, 152, 164

■ 92, 149, 59

■ 149, 155, 179

■ 83, 149, 45

■ 149, 158, 194

■ 74, 149, 30

■ 149, 162, 208

■ 64, 149, 15

■ 149, 165, 223

■ 55, 149, 0

■ 149, 168, 238

■ 149, 171, 253

Harmonies

Analogous

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



159, 147, 122



130, 149, 119



122, 144, 130

Triad

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



130, 149, 119



112, 131, 153



157, 135, 152

Complementary

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



130, 149, 119



119, 125, 149

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.



145, 138, 160



130, 149, 119



118, 135, 161

Square

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



130, 149, 119



115, 133, 148



131, 139, 164



164, 134, 140

Rectangle

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



130, 149, 119



128, 146, 146



131, 139, 164



154, 136, 155

Sweetspot

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



130, 149, 119



186, 194, 182



149, 119, 128



93, 97, 90



224, 224, 224



97, 97, 97

Same Dimension

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



130, 149, 119



165, 194, 147



119, 149, 125



70, 74, 67



51, 138, 0



4, 10, 0

Inverse Universe

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



119, 125, 149



147, 157, 194



126, 119, 149



67, 69, 74



0, 29, 138



0, 2, 10

Previews

White Background



This preview shows how the RYB color 130, 149, 119 looks on a white background.

Color Contrast Check

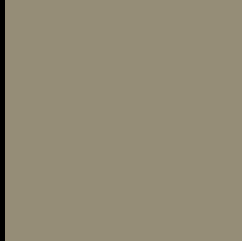
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 149, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

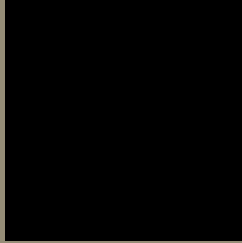
Any Text WCAG AA ✓ Pass

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 130, 149, 119 Background



This preview shows how black text looks on a background with the RYB color 130, 149, 119.



This preview shows how white text looks on a background with the RYB color 130, 149, 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


130, 149, 119

Protanopia

130, 149, 119

Deuteranopia

163, 145, 120



Tritanopia
153, 137, 148

Trichromacy



Original Color

130, 149, 119

Protanomaly

130, 149, 119

Deuteranomaly

158, 154, 120

Tritanomaly

152, 138, 137

Monochromacy



Original Color

130, 149, 119

Achromatopsia

141, 141, 141

Achromatomaly

137, 144, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 149, 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(149, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(149, 141, 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(149, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 141, 119) }
```

Border

The CSS property to change the border of an element to RYB 130, 149, 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(149, 141, 119) }
```

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

```
.border{ border-color:rgb(149, 141, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 141, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 141, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 141, 119);  
box-shadow:4px 4px 4px 4px rgb(149, 141,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 130, 149, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 141, 119) }
```

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

```
.background{ background-color: rgb(149,  
141, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor