

Converting Colors

`RYB(147, 170, 119)`

Have a look what the booklet for
RYB(147, 170, 119) contains.

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Color

R_YB(147, 170, 119)

Conversions

Conversions Part 1

Format	Color
Hex	AA9877
RGB	170, 152, 119
RGB Percent	67%, 60%, 47%
CMY	0.3333, 0.4042, 0.5333
CMYK	0.00, 0.11, 0.30, 0.33
HSL	39°, 23%, 57%
HSV	39°, 30%, 67%
XYZ	31.1233, 32.3098, 22.0488
YIQ	153.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

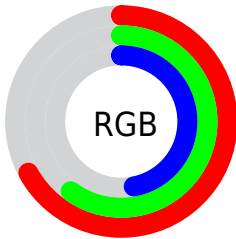
Format	Color
RYB	147, 170, 119
Decimal	11180151
CIELab	63.60, 1.53, 19.79
CIElCh	64, 19.851, 85.568
Yxy	32.3098, 0.3641, 0.3780
Android (android.graphics.Color)	4289370231 (0xFFAA9877)
YUV	153.6200, -17.0677, 14.3653
Hunter-Lab	56.8417, -1.7366, 16.7907

Details

The RYB color **147, 170, 119** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119, 132, 170**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **202, 226, 171**, and **94, 117, 70** is the 20% darker color. If you saturate the color by 10%, you get **139, 170, 102**, and if you desaturate by 10%, it is **155, 170, 136**.

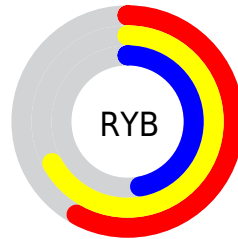
Distribution



Red (67%)

Green (60%)

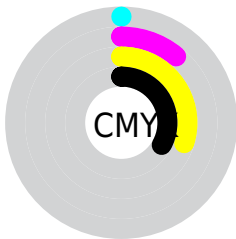
Blue (47%)



Red (58%)

Yellow (67%)

Blue (47%)

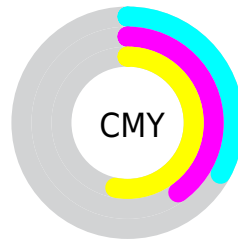


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 170, 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 147, 170, 119 by changing the saturation by 10% instead.

 147, 170, 119


255, 255, 255

 202, 226, 171


 233, 255, 199

 227, 255, 227

 147, 170, 119


 120, 143, 94

 94, 117, 70

 71, 92, 48

 45, 68, 26

 18, 45, 1

 19, 21, 0

 0, 0, 0

 147, 170, 119

 139, 170, 102

 147, 170, 119

 155, 170, 136

■ 131, 170, 85

■ 162, 170, 153

■ 124, 170, 68

■ 170, 170, 170

■ 116, 170, 51

■ 170, 174, 187

■ 108, 170, 34

■ 170, 179, 204

■ 100, 170, 17

■ 170, 183, 221

■ 93, 170, 0

■ 170, 188, 238

■ 170, 192, 255

■ 170, 195, 255

Harmonies

Analogous

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



184, 157, 126



147, 170, 119



122, 158, 129

Triad

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



147, 170, 119



105, 136, 169



174, 145, 174

Complementary

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



147, 170, 119



119, 132, 170

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.



154, 150, 186



147, 170, 119



111, 141, 183

Square

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



147, 170, 119



113, 142, 164



130, 148, 189



187, 142, 157

Rectangle

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



147, 170, 119



129, 161, 152



130, 148, 189



168, 146, 179

Sweetspot

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



147, 170, 119



213, 222, 202



170, 119, 138



106, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

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



147, 170, 119



185, 222, 142



119, 170, 126



81, 84, 76



83, 148, 0



11, 20, 0

Inverse Universe

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



119, 132, 170



142, 163, 222



126, 119, 170



76, 78, 84



0, 38, 148



0, 5, 20

Previews

White Background



This preview shows how the RYB color 147, 170, 119 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 170, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

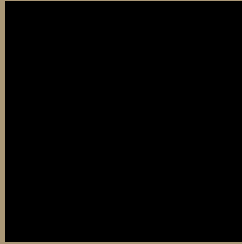
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 147, 170, 119 Background



This preview shows how black text looks on a background with the RYB color 147, 170, 119.



This preview shows how white text looks on a background with the RYB color 147, 170, 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
147, 170, 119

Protanopia
133, 164, 120

Deuteranopia
180, 173, 120



Tritanopia
175, 147, 158

Trichromacy



Original Color

147, 170, 119

Protanomaly

138, 166, 120

Deuteranomaly

172, 176, 120

Tritanomaly

173, 150, 144

Monochromacy



Original Color

147, 170, 119

Achromatopsia

154, 154, 154

Achromatomaly

152, 160, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 170, 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(170, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 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(170, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 119) }
```

Border

The CSS property to change the border of an element to RYB 147, 170, 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(170, 152, 119) }
```

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

```
.border{ border-color:rgb(170, 152, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 119);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 147, 170, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 119) }
```

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

```
.background{ background-color: rgb(170,  
152, 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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