Converting Colors

RYB(168, 174, 119)

Have a look what the booklet for RYB(168, 174, 119) contains.

RYB(168, 174, 119) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RYB(168, 174, 119)

Conversions

Conversions Part 1

Format	Color
Hex	AE9477
RGB	174, 148, 119
RGB Percent	68%, 58%, 47%
CMY	0.3176, 0.4193, 0.5333
CMYK	0.00, 0.15, 0.32, 0.32
HSL	32°, 25%, 57%
HSV	32°, 32%, 68%
XYZ	31.3888, 31.5375, 21.8857
YIQ	152.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

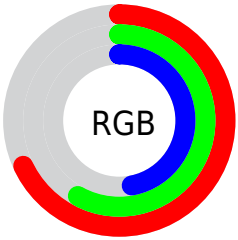
Format	Color
RYB	168, 174, 119
Decimal	11441271
CIELab	62.96, 5.27, 18.98
CIELCh	63, 19.697, 74.491
Yxy	31.5375, 0.3701, 0.3719
Android (android.graphics.Color)	4289631351 (0xFFAE9477)
YUV	152.4680, -16.4997, 18.8836
Hunter-Lab	56.1583, 1.4928, 16.2046

Details

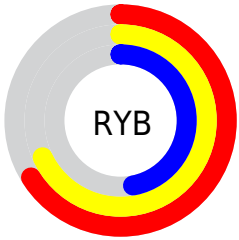
The RYB color 168, 174, 119 is a dark color, and the websafe version is hex 999966. A complement of this color would be 119, 137, 174, and the grayscale version is 153, 153, 153.

A 20% lighter version of the original color is 224, 230, 171, and 115, 121, 70 is the 20% darker color. If you saturate the color by 10%, you get 166, 174, 102, and if you desaturate by 10%, it is 170, 174, 136.

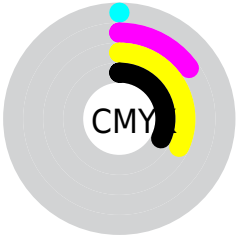
Distribution



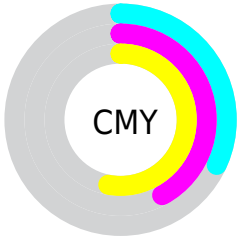
- Red (68%)
- Green (58%)
- Blue (47%)



- Red (66%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (32%)



- Cyan (32%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 174, 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 168, 174, 119 by changing the saturation by 10% instead.

168, 174, 119

255, 255, 255

224, 230, 171

244, 255, 199

227, 255, 227

168, 174, 119

141, 147, 94

112, 121, 70

86, 95, 48

62, 71, 26

30, 48, 1

24, 8, 0

0, 0, 0

168, 174, 119

166, 174, 102

168, 174, 119

170, 174, 136

163, 174, 84

164, 174, 67

161, 174, 49

159, 174, 32

157, 174, 15

155, 174, 0

174, 174, 154

173, 174, 171

174, 179, 189

174, 184, 206

174, 190, 223

174, 195, 241

174, 201, 255

174, 204, 255

Harmonies

Analogous

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

185, 148, 129

168, 174, 119

121, 157, 118

Triad

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

168, 174, 119

105, 134, 162

166, 145, 177

Complementary

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

168, 174, 119

119, 137, 174

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.

143, 150, 186

168, 174, 119

105, 136, 176

Square

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

168, 174, 119

118, 146, 162

120, 144, 186

182, 141, 162

Rectangle

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

168, 174, 119

123, 157, 136

120, 144, 186

159, 147, 181

Sweetspot

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

168, 174, 119

227, 227, 207

174, 119, 146

113, 115, 102

242, 242, 242

115, 115, 115

Same Dimension

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

168, 174, 119

219, 227, 141

119, 174, 120

85, 87, 78

131, 150, 0

21, 23, 0

Inverse Universe

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

119, 137, 174

141, 168, 227

120, 119, 174

78, 81, 87

0, 48, 150

0, 7, 23

Previews

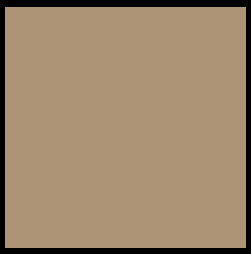
White Background

This preview shows how the RYB color 168, 174, 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



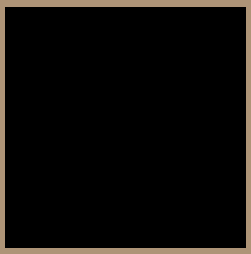
This preview shows how the RYB color 168, 174, 119 looks on a black background.

Color Contrast Check

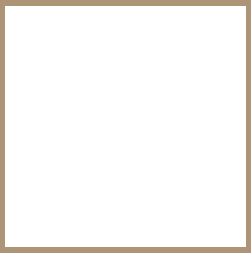
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 168, 174, 119 Background



This preview shows how black text looks on a background with the RYB color 168, 174, 119.



This preview shows how white text looks on a background with the RYB color 168, 174, 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
168, 174, 119

Protanopia
134, 162, 121

Deuteranopia
178, 169, 119

Tritanopia
178, 143, 154

Trichromacy

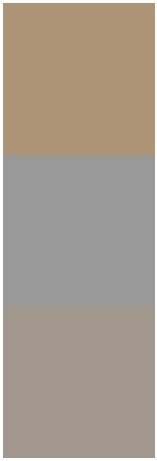
Original Color
168, 174, 119

Protanomaly
142, 166, 120

Deuteranomaly
177, 173, 119

Tritanomaly
177, 146, 141

Monochromacy



Original Color
168, 174, 119

Achromatopsia
153, 153, 153

Achromatomaly
161, 161, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 174, 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(174, 148, 119) looks like.

```
.text, #text, p{
    color:rgb(174, 148, 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(174, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 148, 119) }
```

Border

The CSS property to change the border of an element to RYB 168, 174, 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(174, 148, 119) }
```

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

```
.border{ border-color:rgb(174, 148, 119) }
```

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

Here you see how a box with a 4 pixel rgb(174, 148, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 148, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 148, 119); box-shadow:4px 4px 4px 4px rgb(174, 148, 119) }
```

Background

The CSS property to change the background color of an element to RYB 168, 174, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(174, 148, 119) }
```

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

```
.background{ background-color:rgb(174,
148, 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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