Converting Colors

RYB(173, 166, 119)

Have a look what the booklet for RYB(173, 166, 119) contains.

Color

RYB(173, 166, 119)

Conversions

Conversions Part 1

Format	Color
Hex	AD9077
RGB	173, 144, 119
RGB Percent	68%, 56%, 47%
CMY	0.3216, 0.4348, 0.5333
CMYK	0.00, 0.17, 0.31, 0.32
HSL	28°, 25%, 57%
HSV	28°, 31%, 68%
XYZ	30.5561, 30.2017, 21.6718
YIQ	149.8210, 25.3090, -1.6270

Conversions

Conversions Part 2

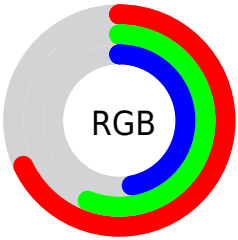
Format	Color
RYB	173, 166, 119
Decimal	11374711
CIELab	61.83, 7.06, 17.41
CIELCh	62, 18.789, 67.935
Yxy	30.2017, 0.3707, 0.3664
Android (android.graphics.Color)	4289564791 (0xFFAD9077)
YUV	149.8210, -15.1948, 20.3280
Hunter-Lab	54.9561, 3.0747, 15.0884

Details

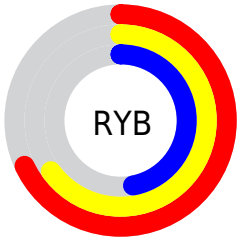
The RYB color 173, 166, 119 is a dark color, and the websafe version is hex CC9999. A complement of this color would be 119, 138, 173, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 229, 222, 171, and 120, 116, 70 is the 20% darker color. If you saturate the color by 10%, you get 173, 164, 102, and if you desaturate by 10%, it is 173, 167, 136.

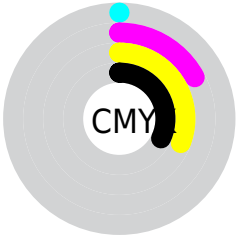
Distribution



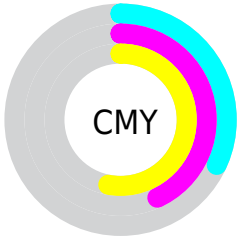
- Red (68%)
- Green (56%)
- Blue (47%)



- Red (68%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 166, 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 173, 166, 119 by changing the saturation by 10% instead.

173, 166, 119

255, 255, 255

229, 222, 171

255, 251, 199

227, 255, 227

173, 166, 119

146, 139, 94

120, 116, 70

94, 90, 48

70, 68, 27

36, 47, 1

23, 1, 0

0, 0, 0

173, 166, 119

173, 164, 102

173, 166, 119

173, 167, 136

173, 164, 84

173, 158, 67

173, 156, 50

173, 156, 32

173, 154, 15

173, 152, 0

173, 171, 154

173, 173, 171

173, 178, 188

173, 184, 206

173, 191, 223

173, 196, 240

173, 202, 255

173, 206, 255

Harmonies

Analogous

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

182, 142, 130

173, 166, 119

126, 158, 116

Triad

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

173, 166, 119

107, 135, 159

158, 144, 176

Complementary

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

173, 166, 119

119, 138, 173

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.

136, 146, 182

173, 166, 119

104, 133, 169

Square

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

173, 166, 119

120, 147, 158

115, 139, 180

175, 139, 162

Rectangle

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

173, 166, 119

120, 153, 128

115, 139, 180

151, 145, 179

Sweetspot

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

173, 166, 119

224, 224, 204

173, 119, 149

112, 112, 100

240, 240, 240

112, 112, 112

Same Dimension

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

173, 166, 119

224, 215, 141

122, 173, 119

87, 85, 78

150, 131, 0

23, 21, 0

Inverse Universe

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

119, 138, 173

141, 170, 224

119, 122, 173

78, 81, 87

0, 52, 150

0, 8, 23

Previews

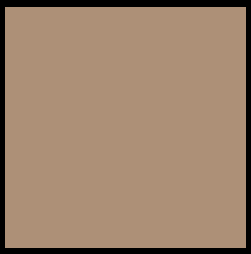
White Background

This preview shows how the RYB color 173, 166, 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



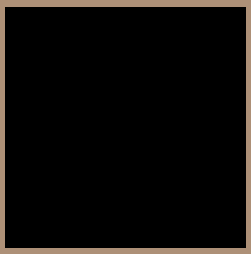
This preview shows how the RYB color 173, 166, 119 looks on a black background.

Color Contrast Check

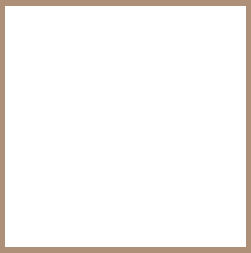
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 173, 166, 119 Background



This preview shows how black text looks on a background with the RYB color 173, 166, 119.



This preview shows how white text looks on a background with the RYB color 173, 166, 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
173, 166, 119

Protanopia
133, 158, 121

Deuteranopia
174, 165, 119

Tritanopia
176, 140, 151

Trichromacy

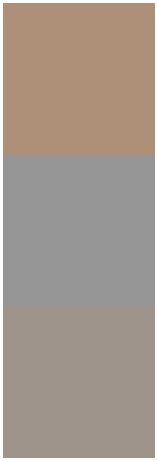
Original Color
173, 166, 119

Protanomaly
145, 163, 120

Deuteranomaly
174, 165, 119

Tritanomaly
175, 142, 139

Monochromacy



Original Color
173, 166, 119

Achromatopsia
150, 150, 150

Achromatomaly
158, 156, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 166, 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(173, 144, 119) looks like.

```
.text, #text, p{
    color:rgb(173, 144, 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(173, 144, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 144, 119) }
```

Border

The CSS property to change the border of an element to RYB 173, 166, 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(173, 144, 119) }
```

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

```
.border{ border-color:rgb(173, 144, 119) }
```

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

Here you see how a box with a 4 pixel rgb(173, 144, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 144, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 144, 119); box-shadow:4px 4px 4px 4px rgb(173, 144, 119) }
```

Background

The CSS property to change the background color of an element to RYB 173, 166, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(173, 144, 119) }
```

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

```
.background{ background-color:rgb(173,
144, 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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