

Converting Colors

RGB(171, 171, 147)

Have a look what the booklet for
RGB(171, 171, 147) contains.

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Color

RGB(171, 171, 147)

Conversions

Conversions Part 1

Format	Color
Hex	ABAB93
RGB	171, 171, 147
RGB Percent	67%, 67%, 58%
CMY	0.3294, 0.3294, 0.4235
CMYK	0.00, 0.00, 0.14, 0.33
HSL	60°, 12%, 62%
HSV	60°, 14%, 67%
XYZ	36.6240, 39.8903, 33.3731
YIQ	168.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

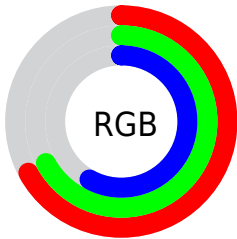
Format	Color
RYB	147, 171, 147
Decimal	11250579
CIELab	69.39, -4.22, 12.38
CIELCh	69, 13.080, 108.843
Yxy	39.8903, 0.3333, 0.3630
Android (android.graphics.Color)	4289440659 (0xFFABAB93)
YUV	168.2640, -10.4832, 2.3995
Hunter-Lab	63.1588, -7.0209, 12.8823

Details

The RGB color **171, 171, 147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 147, 171**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **226, 226, 201**, and **119, 119, 96** is the 20% darker color. If you saturate the color by 10%, you get **171, 171, 130**, and if you desaturate by 10%, it is **171, 171, 164**.

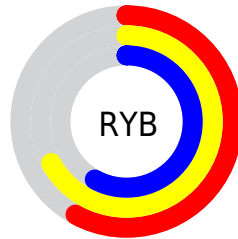
Distribution



Red (67%)

Green (67%)

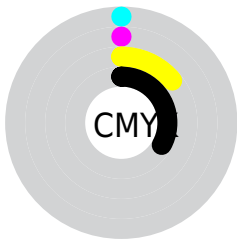
Blue (58%)



Red (58%)

Yellow (67%)

Blue (58%)

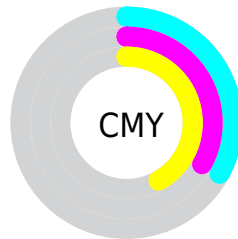


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 171, 147 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 RGB color 171, 171, 147 by changing the saturation by 10% instead.


 171, 171, 147

255, 255, 255

 226, 226, 201


 255, 255, 229

 171, 171, 147

 144, 145, 121

 119, 119, 96


 94, 94, 73


 70, 71, 50


 47, 48, 29


 27, 27, 4


 0, 0, 0


 171, 171, 147


 171, 171, 130


 171, 171, 147


 171, 171, 164


 171, 171, 113


 171, 171, 181


 171, 171, 96


 171, 171, 198


 171, 171, 79


 171, 171, 215


 171, 171, 61


 171, 171, 232


 171, 171, 44

 171, 171, 250

 171, 171, 27

 171, 171, 255

 171, 171, 10

 171, 171, 0

Harmonies

Analogous

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



183, 167, 146



171, 171, 147



157, 174, 154

Triad

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



171, 171, 147



141, 175, 187



191, 162, 174

Complementary

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



171, 171, 147



147, 147, 171

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.



181, 164, 185



171, 171, 147



152, 172, 192

Square

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



171, 171, 147



139, 176, 177



166, 168, 192



195, 162, 162

Rectangle

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



171, 171, 147



149, 176, 161



166, 168, 192



188, 162, 178

Sweetspot

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



171, 171, 147



222, 222, 213



171, 147, 147



112, 112, 107



240, 240, 240



112, 112, 112

Same Dimension

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



171, 171, 147



222, 222, 184



159, 171, 147



87, 87, 78



150, 150, 0



23, 23, 0

Inverse Universe

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



147, 147, 171



184, 184, 222



159, 147, 171



78, 78, 87



0, 0, 150



0, 0, 23

Previews

White Background



This preview shows how the RGB color 171, 171, 147 looks on a white background.

Color Contrast Check

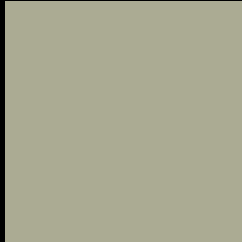
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 171, 171, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

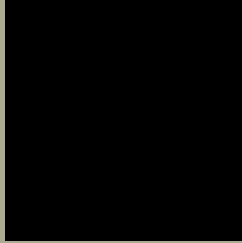
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

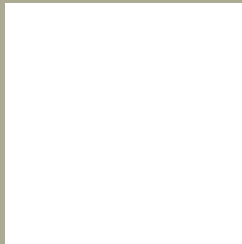
Any Text WCAG AAA ✓ Pass

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

RGB 171, 171, 147 Background



This preview shows how black text looks on a background with the RGB color 171, 171, 147.



This preview shows how white text looks on a background with the RGB color 171, 171, 147.

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
171, 171, 147

Protanopia
178, 169, 146

Deuteranopia
193, 163, 149



Tritanopia
176, 166, 179

Trichromacy



Original Color

171, 171, 147

Protanomaly

175, 170, 146

Deuteranomaly

185, 166, 148

Tritanomaly

174, 168, 167

Monochromacy



Original Color

171, 171, 147

Achromatopsia

168, 168, 168

Achromatomaly

169, 169, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 171, 147 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(171, 171, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 147)  
}
```

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(171, 171, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 147) }
```

Border

The CSS property to change the border of an element to RGB 171, 171, 147 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(171, 171, 147) }
```

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

```
.border{ border-color:rgb(171, 171, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 171, 171, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 147) }
```

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

```
.background{ background-color: rgb(171,  
171, 147) }
```

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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