

Converting Colors

RGB(171, 139, 107)

Have a look what the booklet for
RGB(171, 139, 107) contains.

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Color

RGB(171, 139, 107)

Conversions

Conversions Part 1

Format	Color
Hex	AB8B6B
RGB	171, 139, 107
RGB Percent	67%, 55%, 42%
CMY	0.3294, 0.4549, 0.5804
CMYK	0.00, 0.19, 0.37, 0.33
HSL	30°, 28%, 55%
HSV	30°, 37%, 67%
XYZ	28.6810, 28.1847, 17.8385
YIQ	144.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

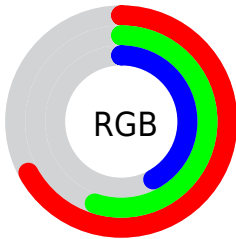
Format	Color
R_{YB}	171, 171, 107
Decimal	11242347
CIE _{Lab}	60.06, 7.54, 21.69
CIE _{LCh}	60, 22.968, 70.824
Yxy	28.1847, 0.3839, 0.3773
Android (android.graphics.Color)	4289432427 (0xFFAB8B6B)
YUV	144.9200, -18.6946, 22.8722
Hunter-Lab	53.0893, 3.5270, 17.2405

Details

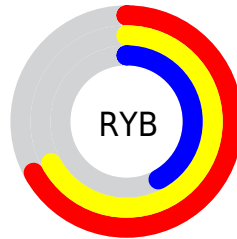
The RGB color **171, 139, 107** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **107, 139, 171**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **227, 192, 159**, and **117, 89, 59** is the 20% darker color. If you saturate the color by 10%, you get **171, 130, 90**, and if you desaturate by 10%, it is **171, 148, 124**.

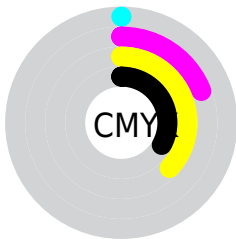
Distribution



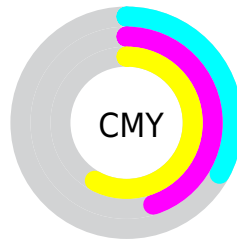
- Red (67%)
- Green (55%)
- Blue (42%)



- Red (67%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (33%)




- Cyan (33%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 139, 107 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, 139, 107 by changing the saturation by 10% instead.

 171, 139, 107


255, 255, 255

 227, 192, 159

 255, 220, 186

 255, 249, 213

 255, 255, 242

 171, 139, 107

 144, 114, 83

 117, 89, 59


 92, 66, 37


 67, 44, 16


 44, 23, 0


 18, 0, 0

 0, 0, 0

 171, 139, 107

 171, 130, 90

 171, 139, 107

 171, 148, 124

■ 171, 122, 73

■ 171, 156, 141

■ 171, 113, 56

■ 171, 165, 158

■ 171, 105, 39

■ 171, 173, 175

■ 171, 96, 22

■ 171, 182, 192

■ 171, 88, 4

■ 171, 190, 210

■ 171, 85, 0

■ 171, 199, 227

■ 171, 207, 244

■ 171, 216, 255

Harmonies

Analogous

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



183, 133, 119



171, 139, 107



152, 146, 105

Triad

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



171, 139, 107



89, 156, 152



157, 137, 175

Complementary

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



171, 139, 107



107, 139, 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.



130, 144, 184



171, 139, 107



86, 155, 170

Square

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



171, 139, 107



107, 155, 131



102, 150, 182



177, 132, 158

Rectangle

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



171, 139, 107



137, 150, 110



102, 150, 182



149, 139, 179

Sweetspot

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



171, 139, 107



222, 210, 197



171, 107, 139



112, 105, 98



240, 240, 240



112, 112, 112

Same Dimension

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



171, 139, 107



222, 172, 122



171, 170, 107



87, 82, 78



150, 75, 0



23, 11, 0

Inverse Universe

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



107, 139, 171



122, 172, 222



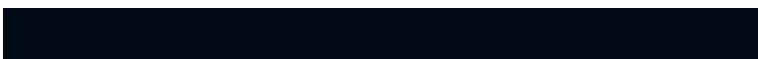
107, 107, 171



78, 82, 87



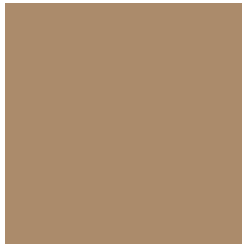
0, 75, 150



0, 11, 23

Previews

White Background



This preview shows how the RGB color 171, 139, 107 looks on a white background.

Color Contrast Check

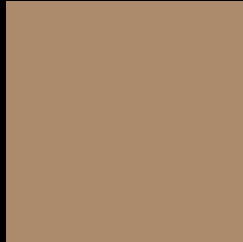
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 171, 139, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

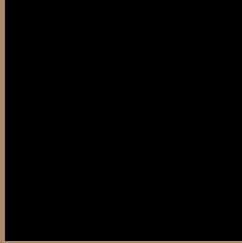
Any Text WCAG AA ✓ Pass

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](#).

RGB 171, 139, 107 Background



This preview shows how black text looks on a background with the RGB color 171, 139, 107.



This preview shows how white text looks on a background with the RGB color 171, 139, 107.

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, 139, 107

Protanopia

155, 145, 110

Deuteranopia

171, 139, 107



Tritanopia
175, 134, 144

Trichromacy



Original Color

171, 139, 107

Protanomaly

161, 143, 109

Deuteranomaly

171, 139, 107

Tritanomaly

174, 136, 131

Monochromacy



Original Color

171, 139, 107

Achromatopsia

145, 145, 145

Achromatomaly

154, 143, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 139, 107 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, 139, 107)` looks like.

```
.text, #text, p{  
    color:rgb(171, 139, 107)  
}
```

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, 139, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 139, 107) }
```

Border

The CSS property to change the border of an element to RGB 171, 139, 107 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, 139, 107) }
```

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

```
.border{ border-color:rgb(171, 139, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 139, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 139, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 139, 107); box-shadow:4px 4px 4px 4px rgb(171, 139, 107) }
```

Background

The CSS property to change the background color of an element to RGB 171, 139, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 139, 107) }
```

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

```
.background{ background-color: rgb(171,  
139, 107) }
```

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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