

Converting Colors

RGB(171, 139, 105)

Have a look what the booklet for
RGB(171, 139, 105) contains.

RGB(171, 139, 105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(171, 139, 105)

Conversions

Conversions Part 1

Format	Color
Hex	AB8B69
RGB	171, 139, 105
RGB Percent	67%, 55%, 41%
CMY	0.3294, 0.4549, 0.5882
CMYK	0.00, 0.19, 0.39, 0.33
HSL	31°, 28%, 54%
HSV	31°, 39%, 67%
XYZ	28.5770, 28.1431, 17.2906
YIQ	144.6920, 29.9860, -3.7900

Conversions

Conversions Part 2

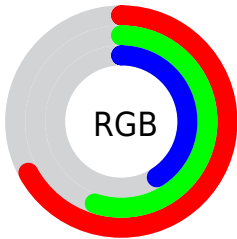
Format	Color
R_{YB}	167, 171, 105
Decimal	11242345
CIE _{Lab}	60.02, 7.30, 22.76
CIE _{LCh}	60, 23.903, 72.218
Yxy	28.1431, 0.3861, 0.3803
Android (android.graphics.Color)	4289432425 (0xFFAB8B69)
YUV	144.6920, -19.5682, 23.0721
Hunter-Lab	53.0501, 3.3168, 17.8107

Details

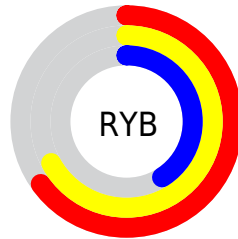
The RGB color **171, 139, 105** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **105, 137, 171**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **227, 192, 156**, and **117, 89, 57** is the 20% darker color. If you saturate the color by 10%, you get **171, 131, 88**, and if you desaturate by 10%, it is **171, 147, 122**.

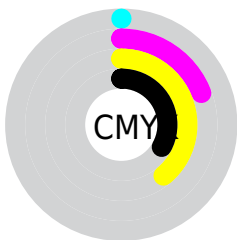
Distribution



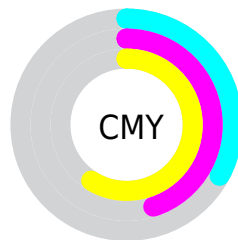
- Red (67%)
- Green (55%)
- Blue (41%)



- Red (65%)
- Yellow (67%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (33%)




- Cyan (33%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 139, 105 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, 105 by changing the saturation by 10% instead.

 171, 139, 105


255, 255, 255

 227, 192, 156

 255, 220, 183

 255, 249, 211

 255, 255, 240

 171, 139, 105

 144, 114, 81

 117, 89, 57


 92, 66, 35


 67, 44, 14


 43, 23, 0


 17, 0, 0

 0, 0, 0

 171, 139, 105

 171, 131, 88

 171, 139, 105

 171, 147, 122

■ 171, 122, 71

■ 171, 156, 139

■ 171, 114, 54

■ 171, 164, 156

■ 171, 106, 37

■ 171, 172, 173

■ 171, 98, 20

■ 171, 180, 190

■ 171, 89, 2

■ 171, 189, 208

■ 171, 88, 0

■ 171, 197, 225

■ 171, 205, 242

■ 171, 214, 255

Harmonies

Analogous

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



184, 133, 117



171, 139, 105



151, 146, 103

Triad

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



171, 139, 105



85, 156, 153



159, 136, 176

Complementary

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



171, 139, 105



105, 137, 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, 185



171, 139, 105



82, 155, 172

Square

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



171, 139, 105



104, 155, 131



101, 150, 184



178, 131, 158

Rectangle

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



171, 139, 105



136, 150, 109



101, 150, 184



150, 139, 180

Sweetspot

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



171, 139, 105



222, 209, 195



171, 105, 138



112, 105, 96



240, 240, 240



112, 112, 112

Same Dimension

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



171, 139, 105



222, 172, 120



171, 171, 105



87, 82, 78



150, 78, 0



23, 12, 0

Inverse Universe

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



105, 137, 171



120, 169, 222



105, 105, 171



78, 82, 87



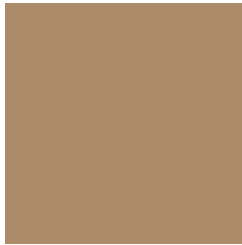
0, 73, 150



0, 11, 23

Previews

White Background



This preview shows how the RGB color 171, 139, 105 looks on a white background.

Color Contrast Check

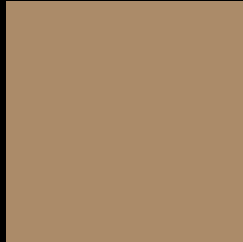
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105 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, 105 Background



This preview shows how black text looks on a background with the RGB color 171, 139, 105.



This preview shows how white text looks on a background with the RGB color 171, 139, 105.

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, 105

Protanopia

155, 145, 107

Deuteranopia

172, 139, 105



Tritanopia
175, 134, 144

Trichromacy



Original Color

171, 139, 105

Protanomaly

161, 143, 106

Deuteranomaly

172, 139, 105

Tritanomaly

174, 136, 130

Monochromacy



Original Color

171, 139, 105

Achromatopsia

145, 145, 145

Achromatomaly

154, 143, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 139, 105 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(171, 139, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 139, 105) }
```

Border

The CSS property to change the border of an element to RGB 171, 139, 105 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, 105) }
```

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

```
.border{ border-color:rgb(171, 139, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(171, 139,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 171, 139, 105 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, 105) }
```

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

```
.background{ background-color: rgb(171,  
139, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor