

Converting Colors

RGB(174, 135, 106)

Have a look what the booklet for
RGB(174, 135, 106) contains.

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Color

RGB(174, 135, 106)

Conversions

Conversions Part 1

Format	Color
Hex	AE876A
RGB	174, 135, 106
RGB Percent	68%, 53%, 42%
CMY	0.3176, 0.4706, 0.5843
CMYK	0.00, 0.22, 0.39, 0.32
HSL	26°, 30%, 55%
HSV	26°, 39%, 68%
XYZ	28.7211, 27.3672, 17.4043
YIQ	143.3550, 32.5530, -0.7510

Conversions

Conversions Part 2

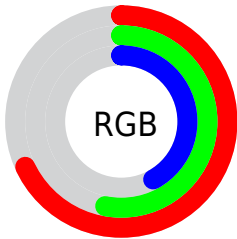
Format	Color
RYB	174, 157, 106
Decimal	11437930
CIELab	59.31, 10.90, 21.31
CIElCh	59, 23.934, 62.907
Yxy	27.3672, 0.3908, 0.3724
Android (android.graphics.Color)	4289628010 (0xFFAE876A)
YUV	143.3550, -18.4160, 26.8757
Hunter-Lab	52.3137, 6.4504, 16.8943

Details

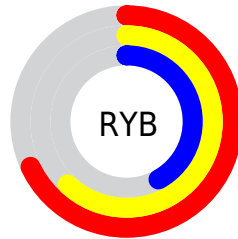
The RGB color **174, 135, 106** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **106, 145, 174**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **231, 188, 157**, and **120, 85, 58** is the 20% darker color. If you saturate the color by 10%, you get **174, 125, 89**, and if you desaturate by 10%, it is **174, 145, 123**.

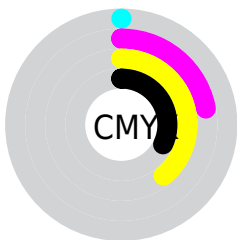
Distribution



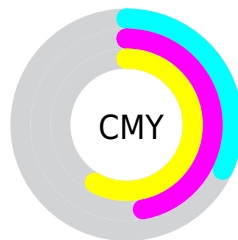
- Red (68%)
- Green (53%)
- Blue (42%)



- Red (68%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (32%)



- Cyan (32%)
- Magenta (47%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the RGB color 174, 135, 106 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 174, 135, 106 by changing the saturation by 10% instead.

 174, 135, 106

255, 255, 255

 231, 188, 157

 255, 216, 184

 255, 244, 212

 255, 255, 241

 174, 135, 106

 147, 110, 82

 120, 85, 58

 94, 62, 36


 69, 40, 15

 45, 20, 0


 19, 0, 0


 0, 0, 0

 174, 135, 106

 174, 125, 89

 174, 135, 106

 174, 145, 123

 174, 115, 71

 174, 155, 141

 174, 105, 54

 174, 165, 158

 174, 95, 36

 174, 175, 176

 174, 85, 19

 174, 185, 193

 174, 75, 2

 174, 195, 210

 174, 74, 0

 174, 205, 228

 174, 215, 245

 174, 225, 255

Harmonies

Analogous

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



184, 129, 121



174, 135, 106



156, 142, 101

Triad

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



174, 135, 106



88, 155, 144



149, 137, 178

Complementary

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



174, 135, 106



106, 145, 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.



119, 144, 184



174, 135, 106



79, 154, 165

Square

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



174, 135, 106



109, 153, 123



91, 150, 180



172, 130, 162

Rectangle

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



174, 135, 106



141, 146, 104



91, 150, 180



139, 139, 181

Sweetspot

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



174, 135, 106



227, 211, 200



174, 106, 146



115, 106, 99



242, 242, 242



115, 115, 115

Same Dimension

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



174, 135, 106



227, 166, 120



174, 168, 106



87, 82, 78



150, 64, 0



23, 10, 0

Inverse Universe

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



106, 145, 174



120, 181, 227



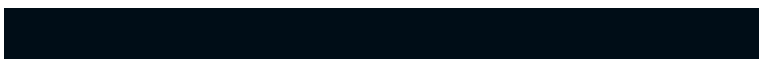
106, 112, 174



78, 83, 87



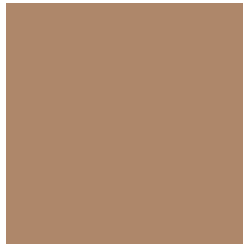
0, 86, 150



0, 13, 23

Previews

White Background



This preview shows how the RGB color 174, 135, 106 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 174, 135, 106 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 174, 135, 106 Background



This preview shows how black text looks on a background with the RGB color 174, 135, 106.



This preview shows how white text looks on a background with the RGB color 174, 135, 106.

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


174, 135, 106

Protanopia

153, 143, 109

Deuteranopia

169, 137, 106



Tritanopia
177, 130, 140

Trichromacy



Original Color

174, 135, 106

Protanomaly

161, 140, 108

Deuteranomaly

171, 136, 106

Tritanomaly

176, 132, 128

Monochromacy



Original Color

174, 135, 106

Achromatopsia

143, 143, 143

Achromatomaly

154, 140, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 135, 106 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, 135, 106) looks like.

```
.text, #text, p{  
    color:rgb(174, 135, 106)  
}
```

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, 135, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 106) }
```

Border

The CSS property to change the border of an element to RGB 174, 135, 106 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, 135, 106) }
```

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

```
.border{ border-color:rgb(174, 135, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 135, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 135, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 135, 106);  
box-shadow:4px 4px 4px 4px rgb(174, 135,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 174, 135, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 106) }
```

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

```
.background{ background-color: rgb(174,  
135, 106) }
```

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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