

Converting Colors

RGB(170, 107, 84)

Have a look what the booklet for
RGB(170, 107, 84) contains.

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Color

RGB(170, 107, 84)

Conversions

Conversions Part 1

Format	Color
Hex	AA6B54
RGB	170, 107, 84
RGB Percent	67%, 42%, 33%
CMY	0.3333, 0.5804, 0.6706
CMYK	0.00, 0.37, 0.51, 0.33
HSL	16°, 34%, 50%
HSV	16°, 51%, 67%
XYZ	23.4355, 19.7015, 10.9551
YIQ	123.2150, 44.9310, 6.2030

Conversions

Conversions Part 2

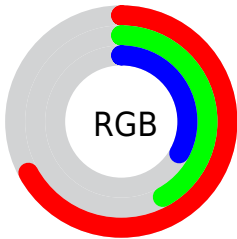
Format	Color
R_{YB}	170, 115, 84
Decimal	11168596
CIE Lab	51.50, 22.59, 23.35
CIE LCh	51, 32.494, 45.951
Yxy	19.7015, 0.4333, 0.3642
Android (android.graphics.Color)	4289358676 (0xFFAA6B54)
YUV	123.2150, -19.3330, 41.0304
Hunter-Lab	44.3864, 16.5697, 16.4370

Details

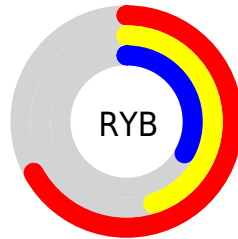
The RGB color **170, 107, 84** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **84, 147, 170**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **228, 159, 134**, and **115, 59, 38** is the 20% darker color. If you saturate the color by 10%, you get **170, 95, 67**, and if you desaturate by 10%, it is **170, 119, 101**.

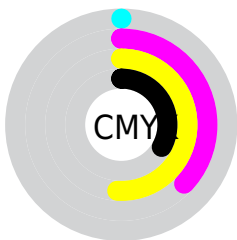
Distribution



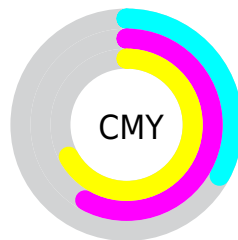
- Red (67%)
- Green (42%)
- Blue (33%)



- Red (67%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the RGB color 170, 107, 84 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 170, 107, 84 by changing the saturation by 10% instead.

 170, 107, 84  170, 107, 84

255, 255, 255  142, 82, 61

 228, 159, 134  115, 59, 38

 255, 186, 160  88, 36, 18

 255, 214, 187  62, 14, 0

 255, 242, 215  39, 0, 0

 255, 255, 243  0, 0, 0

 170, 107, 84  170, 107, 84

 170, 95, 67  170, 119, 101

 170, 82, 50  170, 132, 118

■ 170, 70, 33

■ 170, 144, 135

■ 170, 57, 16

■ 170, 157, 152

■ 170, 45, 0

■ 170, 169, 169

■ 170, 182, 186

■ 170, 194, 203

■ 170, 207, 220

■ 170, 219, 237

Harmonies

Analogous

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



177, 101, 109



170, 107, 84



152, 117, 69

Triad

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



170, 107, 84



57, 136, 108



106, 120, 176

Complementary

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



170, 107, 84



84, 147, 170

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.



54, 129, 176



170, 107, 84



0, 137, 137

Square

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



170, 107, 84



95, 133, 83



0, 135, 162



144, 110, 162

Rectangle

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



170, 107, 84



135, 123, 67



0, 135, 162



90, 124, 178

Sweetspot

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



170, 107, 84



222, 197, 189



170, 84, 147



112, 97, 92



240, 240, 240



112, 112, 112

Same Dimension

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



170, 107, 84



222, 123, 87



170, 150, 84



84, 78, 76



148, 40, 0



20, 5, 0

Inverse Universe

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



84, 147, 170



87, 186, 222



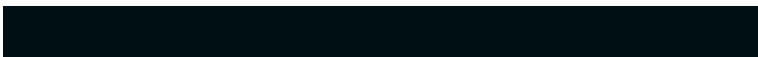
84, 104, 170



76, 82, 84



0, 108, 148



0, 15, 20

Previews

White Background



This preview shows how the RGB color 170, 107, 84 looks on a white background.

Color Contrast Check

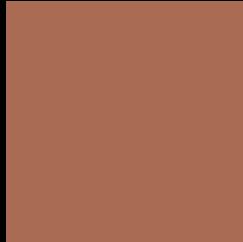
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 107, 84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

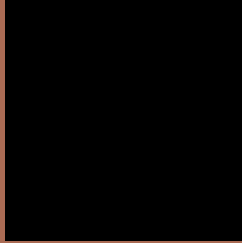
Any Text WCAG AA ✓ Pass

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 170, 107, 84 Background



This preview shows how black text looks on a background with the RGB color 170, 107, 84.



This preview shows how white text looks on a background with the RGB color 170, 107, 84.

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


170, 107, 84

Protanopia

132, 123, 91

Deuteranopia

148, 118, 82



Tritanopia
172, 103, 111

Trichromacy



Original Color

170, 107, 84

Protanomaly

146, 117, 88

Deuteranomaly

156, 114, 83

Tritanomaly

171, 104, 101

Monochromacy



Original Color

170, 107, 84

Achromatopsia

123, 123, 123

Achromatomaly

140, 117, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 107, 84 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(170, 107, 84)` looks like.

```
.text, #text, p{  
    color:rgb(170, 107, 84)  
}
```

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(170, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 107, 84) }
```

Border

The CSS property to change the border of an element to RGB 170, 107, 84 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(170, 107, 84) }
```

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

```
.border{ border-color:rgb(170, 107, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 107, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(170, 107,  
84) }
```

Background

The CSS property to change the background color of an element to RGB 170, 107, 84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 107, 84) }
```

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

```
.background{ background-color: rgb(170,  
107, 84) }
```

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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