

Converting Colors

RGB(170, 127, 122)

Have a look what the booklet for
RGB(170, 127, 122) contains.

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Color

RGB(170, 127, 122)

Conversions

Conversions Part 1

Format	Color
Hex	AA7F7A
RGB	170, 127, 122
RGB Percent	67%, 50%, 48%
CMY	0.3333, 0.5020, 0.5216
CMYK	0.00, 0.25, 0.28, 0.33
HSL	6°, 22%, 57%
HSV	6°, 28%, 67%
XYZ	27.6798, 25.1299, 21.8040
YIQ	139.2870, 27.2330, 7.5610

Conversions

Conversions Part 2

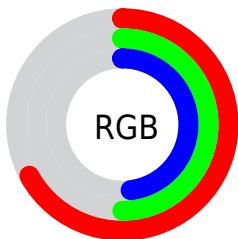
Format	Color
R_{YB}	170, 128, 122
Decimal	11173754
CIE Lab	57.20, 15.89, 9.20
CIE LCh	57, 18.365, 30.063
Yxy	25.1299, 0.3710, 0.3368
Android (android.graphics.Color)	4289363834 (0xFFAA7F7A)
YUV	139.2870, -8.5225, 26.9353
Hunter-Lab	50.1298, 10.8340, 9.3025

Details

The RGB color **170, 127, 122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122, 165, 170**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **226, 180, 174**, and **117, 78, 73** is the 20% darker color. If you saturate the color by 10%, you get **170, 112, 105**, and if you desaturate by 10%, it is **170, 142, 139**.

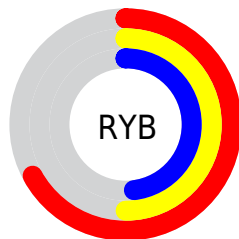
Distribution



Red (67%)

Green (50%)

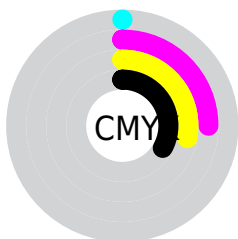
Blue (48%)



Red (67%)

Yellow (50%)

Blue (48%)

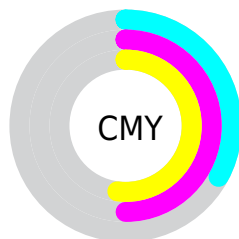


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (33%)



Cyan (33%)


Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 127, 122 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, 127, 122 by changing the saturation by 10% instead.


 170, 127, 122

255, 255, 255

 226, 180, 174


 255, 208, 202

 255, 236, 230

 170, 127, 122

 143, 102, 97

 117, 78, 73

 91, 55, 51

 67, 33, 30


 44, 12, 5


 10, 0, 0

 0, 0, 0

 170, 127, 122

 170, 112, 105


 170, 127, 122

 170, 142, 139


 170, 97, 88

 170, 157, 156

 170, 81, 71

 170, 173, 173

 170, 66, 54

 170, 188, 190

 170, 51, 37

 170, 203, 207

 170, 36, 20

 170, 218, 224

 170, 20, 3

 170, 234, 241

 170, 18, 0

 170, 249, 255

 170, 255, 255

Harmonies

Analogous

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



169, 126, 138



170, 127, 122



163, 131, 110

Triad

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



170, 127, 122



114, 145, 121



118, 139, 169

Complementary

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



170, 127, 122



122, 165, 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.



100, 143, 165



170, 127, 122



99, 146, 137

Square

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



170, 127, 122



132, 141, 109



92, 146, 153



140, 133, 165

Rectangle

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



170, 127, 122



155, 134, 106



92, 146, 153



112, 140, 168

Sweetspot

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



170, 127, 122



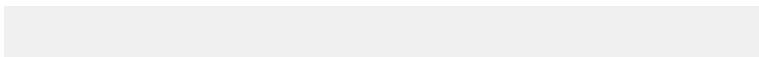
222, 206, 204



170, 122, 165



112, 102, 101



240, 240, 240



112, 112, 112

Same Dimension

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



170, 127, 122



222, 154, 146



170, 151, 122



84, 77, 76



148, 15, 0



20, 2, 0

Inverse Universe

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



122, 165, 170



146, 214, 222



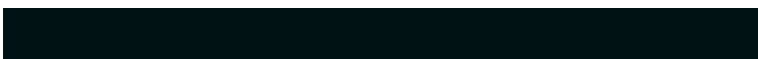
122, 141, 170



76, 83, 84



0, 132, 148



0, 18, 20

Previews

White Background



This preview shows how the RGB color 170, 127, 122 looks on a white background.

Color Contrast Check

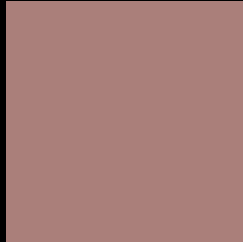
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 122 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, 127, 122 Background



This preview shows how black text looks on a background with the RGB color 170, 127, 122.



This preview shows how white text looks on a background with the RGB color 170, 127, 122.

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, 127, 122

Protanopia

142, 137, 127

Deuteranopia

157, 133, 121



Tritanopia
171, 125, 135

Trichromacy



Original Color

170, 127, 122

Protanomaly

152, 133, 125

Deuteranomaly

162, 131, 121

Tritanomaly

171, 126, 130

Monochromacy



Original Color

170, 127, 122

Achromatopsia

139, 139, 139

Achromatomaly

150, 135, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 127, 122 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, 127, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 127, 122)  
}
```

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, 127, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 127, 122) }
```

Border

The CSS property to change the border of an element to RGB 170, 127, 122 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, 127, 122) }
```

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

```
.border{ border-color:rgb(170, 127, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 127, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 127, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 127, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 127,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 170, 127, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 127, 122) }
```

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

```
.background{ background-color: rgb(170,  
127, 122) }
```

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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