

Converting Colors

RGB(170, 156, 136)

Have a look what the booklet for
RGB(170, 156, 136) contains.

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Color

RGB(170, 156, 136)

Conversions

Conversions Part 1

Format	Color
Hex	AA9C88
RGB	170, 156, 136
RGB Percent	67%, 61%, 53%
CMY	0.3333, 0.3882, 0.4667
CMYK	0.00, 0.08, 0.20, 0.33
HSL	35°, 17%, 60%
HSV	35°, 20%, 67%
XYZ	32.9100, 34.1006, 28.1401
YIQ	157.9060, 14.7640, -3.2520

Conversions

Conversions Part 2

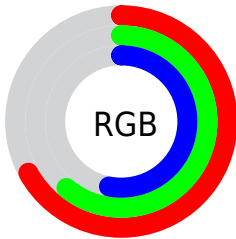
Format	Color
RYB	160, 170, 136
Decimal	11181192
CIELab	65.04, 1.78, 12.33
CIELCh	65, 12.461, 81.781
Yxy	34.1006, 0.3459, 0.3584
Android (android.graphics.Color)	4289371272 (0xFFAA9C88)
YUV	157.9060, -10.7997, 10.6064
Hunter-Lab	58.3957, -1.5955, 12.3059

Details

The RGB color **170, 156, 136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **136, 150, 170**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **226, 210, 189**, and **118, 105, 86** is the 20% darker color. If you saturate the color by 10%, you get **170, 149, 119**, and if you desaturate by 10%, it is **170, 163, 153**.

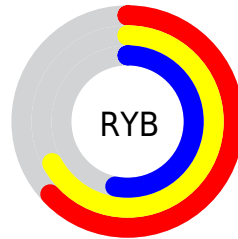
Distribution



Red (67%)

Green (61%)

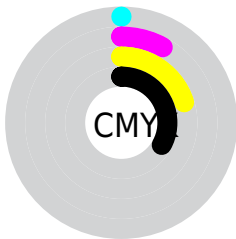
Blue (53%)



Red (63%)

Yellow (67%)

Blue (53%)

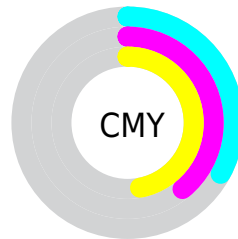


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 156, 136 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, 156, 136 by changing the saturation by 10% instead.


 170, 156, 136


255, 255, 255


 226, 210, 189


 254, 239, 217

 255, 255, 246

 170, 156, 136

 143, 130, 111

 118, 105, 86

 93, 81, 63

 69, 58, 41

 46, 36, 20


 25, 15, 0


 0, 0, 0

 170, 156, 136


 170, 149, 119


 170, 156, 136

 170, 163, 153


 170, 142, 102

 170, 170, 170


 170, 135, 85


 170, 177, 187


 170, 128, 68


 170, 184, 204

 170, 121, 51

 170, 191, 221

 170, 114, 34

 170, 198, 238

 170, 107, 17

 170, 205, 255

 170, 100, 0

 170, 212, 255

 170, 219, 255

Harmonies

Analogous

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



179, 153, 141



170, 156, 136



158, 160, 137

Triad

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



170, 156, 136



129, 164, 166



170, 153, 172

Complementary

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



170, 156, 136



136, 150, 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.



156, 156, 178



170, 156, 136



132, 163, 175

Square

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



170, 156, 136



135, 164, 154



142, 160, 180



179, 150, 161

Rectangle

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



170, 156, 136



149, 162, 141



142, 160, 180



165, 154, 174

Sweetspot

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



170, 156, 136



222, 216, 209



170, 136, 150



112, 109, 104



240, 240, 240



112, 112, 112

Same Dimension

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



170, 156, 136



222, 200, 169



167, 170, 136



84, 81, 76



148, 87, 0



20, 12, 0

Inverse Universe

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



136, 150, 170



169, 191, 222



139, 136, 170



76, 79, 84



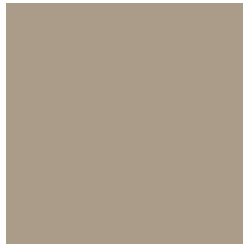
0, 61, 148



0, 8, 20

Previews

White Background



This preview shows how the RGB color 170, 156, 136 looks on a white background.

Color Contrast Check

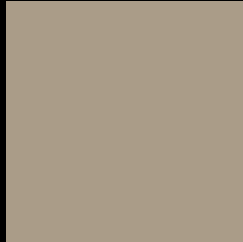
Large Text (above 18pt) WCAG AA × Fail

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, 156, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

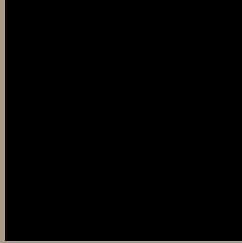
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 170, 156, 136 Background



This preview shows how black text looks on a background with the RGB color 170, 156, 136.



This preview shows how white text looks on a background with the RGB color 170, 156, 136.

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, 156, 136

Protanopia

166, 157, 137

Deuteranopia

181, 152, 137



Tritanopia

174, 152, 164

Trichromacy



Original Color

170, 156, 136

Protanomaly

167, 157, 137

Deuteranomaly

177, 153, 137

Tritanomaly

173, 153, 154

Monochromacy



Original Color

170, 156, 136

Achromatopsia

158, 158, 158

Achromatomaly

162, 157, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 156, 136 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, 156, 136) looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 136)  
}
```

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, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 136) }
```

Border

The CSS property to change the border of an element to RGB 170, 156, 136 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, 156, 136) }
```

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

```
.border{ border-color:rgb(170, 156, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 156, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 156, 136); box-shadow:4px 4px 4px 4px rgb(170, 156, 136) }
```

Background

The CSS property to change the background color of an element to RGB 170, 156, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 136) }
```

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

```
.background{ background-color: rgb(170,  
156, 136) }
```

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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