

Converting Colors

RGB(156, 171, 137)

Have a look what the booklet for
RGB(156, 171, 137) contains.

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Color

RGB(156, 171, 137)

Conversions

Conversions Part 1

Format	Color
Hex	9CAB89
RGB	156, 171, 137
RGB Percent	61%, 67%, 54%
CMY	0.3882, 0.3294, 0.4627
CMYK	0.09, 0.00, 0.20, 0.33
HSL	86°, 17%, 60%
HSV	86°, 20%, 67%
XYZ	32.7886, 37.9999, 29.2735
YIQ	162.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

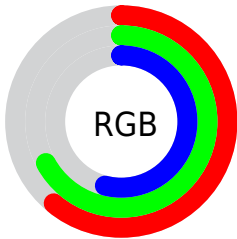
Format	Color
RYB	137, 171, 152
Decimal	10267529
CIELab	68.02, -11.49, 15.78
CIElCh	68, 19.519, 126.054
Yxy	37.9999, 0.3277, 0.3798
Android (android.graphics.Color)	4288457609 (0xFF9CAB89)
YUV	162.6390, -12.6400, -5.8224
Hunter-Lab	61.6440, -12.9326, 14.9952

Details

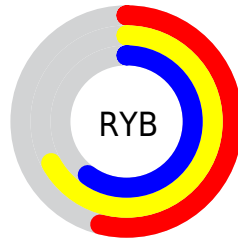
The RGB color **156, 171, 137** is a light color, and the websafe version is hex **999966**. A complement of this color would be **152, 137, 171**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **211, 226, 190**, and **105, 119, 87** is the 20% darker color. If you saturate the color by 10%, you get **148, 171, 120**, and if you desaturate by 10%, it is **164, 171, 154**.

Distribution



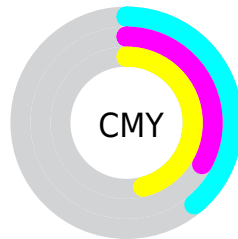
- Red (61%)
- Green (67%)
- Blue (54%)



- Red (54%)
- Yellow (67%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)




- Cyan (39%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 171, 137 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 156, 171, 137 by changing the saturation by 10% instead.


 156, 171, 137


255, 255, 255

 211, 226, 190

 239, 255, 218

 255, 255, 247

 156, 171, 137


 130, 144, 112

 105, 119, 87

 80, 94, 64

 57, 70, 41


 35, 48, 20

 15, 27, 0


 0, 0, 0


 156, 171, 137


 148, 171, 120

 156, 171, 137

 164, 171, 154

 141, 171, 103


 171, 171, 171

 133, 171, 86


 179, 171, 188


 126, 171, 69


 186, 171, 205

 118, 171, 51


 194, 171, 222


 111, 171, 34

 201, 171, 240

 103, 171, 17

 209, 171, 255

 96, 171, 0

 216, 171, 255

 96, 171, 0

 224, 171, 255

Harmonies

Analogous

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



176, 166, 131



156, 171, 137



136, 175, 151

Triad

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



156, 171, 137



129, 171, 197



201, 153, 163

Complementary

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



156, 171, 137



152, 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.



192, 155, 180



156, 171, 137



150, 166, 200

Square

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



156, 171, 137



118, 175, 186



173, 160, 194



201, 155, 146

Rectangle

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



156, 171, 137



126, 176, 163



173, 160, 194



199, 154, 169

Sweetspot

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



156, 171, 137



216, 222, 209



171, 152, 137



109, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



156, 171, 137



198, 222, 169



139, 171, 137



83, 87, 78



84, 150, 0



13, 23, 0

Inverse Universe

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



152, 137, 171



192, 169, 222



169, 137, 171



82, 78, 87



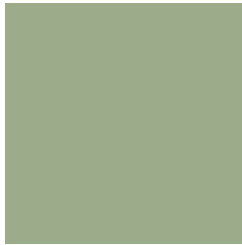
66, 0, 150



10, 0, 23

Previews

White Background



This preview shows how the RGB color 156, 171, 137 looks on a white background.

Color Contrast Check

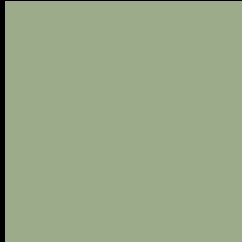
Large Text (above 18pt) WCAG AA × Fail

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 156, 171, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

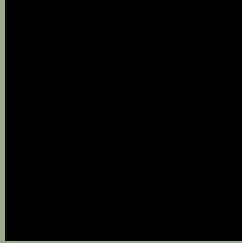
Any Text WCAG AA ✓ Pass

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 156, 171, 137 Background



This preview shows how black text looks on a background with the RGB color 156, 171, 137.



This preview shows how white text looks on a background with the RGB color 156, 171, 137.

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
156, 171, 137

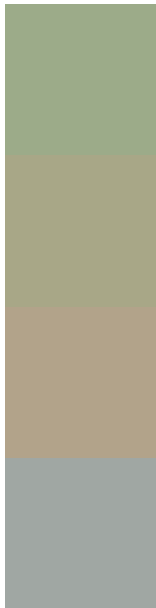
Protanopia
175, 165, 134

Deuteranopia
191, 159, 139



Tritanopia
162, 165, 178

Trichromacy



Original Color
156, 171, 137

Protanomaly
168, 167, 135

Deuteranomaly
178, 163, 138

Tritanomaly
160, 167, 163

Monochromacy



Original Color
156, 171, 137

Achromatopsia
163, 163, 163

Achromatomaly
160, 166, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 171, 137 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(156, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(156, 171, 137)  
}
```

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(156, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 171, 137) }
```

Border

The CSS property to change the border of an element to RGB 156, 171, 137 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(156, 171, 137) }
```

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

```
.border{ border-color:rgb(156, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(156, 171,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 156, 171, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 171, 137) }
```

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

```
.background{ background-color: rgb(156,  
171, 137) }
```

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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