

Converting Colors

RGB(151, 171, 137)

Have a look what the booklet for
RGB(151, 171, 137) contains.

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Color

RGB(151, 171, 137)

Conversions

Conversions Part 1

Format	Color
Hex	97AB89
RGB	151, 171, 137
RGB Percent	59%, 67%, 54%
CMY	0.4078, 0.3294, 0.4627
CMYK	0.12, 0.00, 0.20, 0.33
HSL	95°, 17%, 60%
HSV	95°, 20%, 67%
XYZ	31.8408, 37.5113, 29.2291
YIQ	161.1440, -1.0060, -14.8140

Conversions

Conversions Part 2

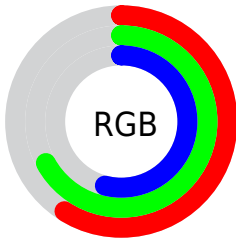
Format	Color
RYB	137, 171, 157
Decimal	9939849
CIELab	67.66, -13.34, 15.22
CIELCh	68, 20.241, 131.232
Yxy	37.5113, 0.3230, 0.3805
Android (android.graphics.Color)	4288129929 (0xFF97AB89)
YUV	161.1440, -11.9030, -8.8963
Hunter-Lab	61.2464, -14.3828, 14.5771

Details

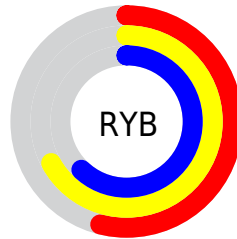
The RGB color **151, 171, 137** is a light color, and the websafe version is hex **999966**. A complement of this color would be **157, 137, 171**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **205, 226, 190**, and **100, 119, 87** is the 20% darker color. If you saturate the color by 10%, you get **141, 171, 120**, and if you desaturate by 10%, it is **161, 171, 154**.

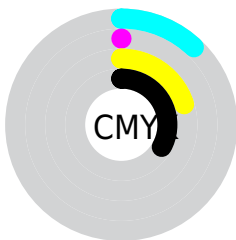
Distribution



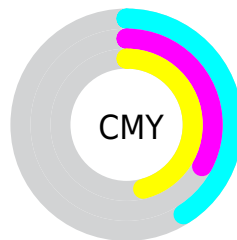
- Red (59%)
- Green (67%)
- Blue (54%)



- Red (54%)
- Yellow (67%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)




- Cyan (41%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 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 151, 171, 137 by changing the saturation by 10% instead.


 151, 171, 137


255, 255, 255


 205, 226, 190

 234, 255, 218


 255, 255, 247


 151, 171, 137

 125, 144, 112

 100, 119, 87

 76, 94, 64


 53, 70, 41


 31, 48, 21


 8, 27, 0


 0, 0, 0


 151, 171, 137


 141, 171, 120


 151, 171, 137


 161, 171, 154


 131, 171, 103


 171, 171, 171


 121, 171, 86


 181, 171, 188


 111, 171, 69


 191, 171, 205


 101, 171, 51


 201, 171, 222


 91, 171, 34


 211, 171, 240

 81, 171, 17

 221, 171, 255

 71, 171, 0

 231, 171, 255

 70, 171, 0

 242, 171, 255

Harmonies

Analogous

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



172, 166, 129



151, 171, 137



131, 174, 152

Triad

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



151, 171, 137



129, 170, 199



202, 152, 158

Complementary

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



151, 171, 137



157, 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.



194, 153, 177



151, 171, 137



153, 164, 200

Square

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



151, 171, 137



115, 174, 188



176, 158, 192



200, 154, 142

Rectangle

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



151, 171, 137



120, 175, 165



176, 158, 192



201, 152, 165

Sweetspot

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



151, 171, 137



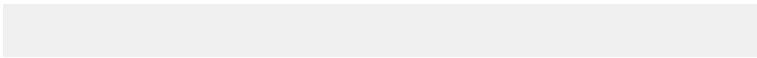
214, 222, 209



171, 157, 137



108, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



151, 171, 137



191, 222, 169



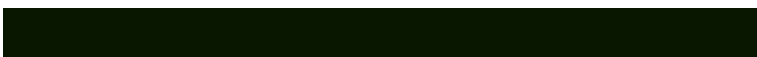
137, 171, 140



82, 87, 78



62, 150, 0



9, 23, 0

Inverse Universe

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



157, 137, 171



200, 169, 222



171, 137, 168



83, 78, 87



88, 0, 150



13, 0, 23

Previews

White Background



This preview shows how the RGB color 151, 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 151, 171, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

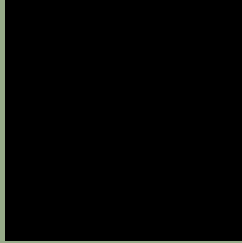
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

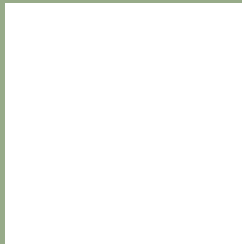
Any Text WCAG AAA ✓ Pass

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

RGB 151, 171, 137 Background



This preview shows how black text looks on a background with the RGB color 151, 171, 137.



This preview shows how white text looks on a background with the RGB color 151, 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
151, 171, 137

Protanopia
174, 164, 134

Deuteranopia
189, 158, 140



Tritanopia
157, 165, 178

Trichromacy



Original Color
151, 171, 137

Protanomaly
166, 167, 135

Deuteranomaly
175, 163, 139

Tritanomaly
155, 167, 163

Monochromacy



Original Color
151, 171, 137

Achromatopsia
161, 161, 161

Achromatomaly
157, 165, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 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(151, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(151, 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(151, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 171, 137) }
```

Border

The CSS property to change the border of an element to RGB 151, 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(151, 171, 137) }
```

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

```
.border{ border-color:rgb(151, 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(151, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(151, 171,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 151, 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(151, 171, 137) }
```

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

```
.background{ background-color: rgb(151,  
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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