

Converting Colors

RGB(137, 171, 108)

Have a look what the booklet for
RGB(137, 171, 108) contains.

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Color

RGB(137, 171, 108)

Conversions

Conversions Part 1

Format	Color
Hex	89AB6C
RGB	137, 171, 108
RGB Percent	54%, 67%, 42%
CMY	0.4627, 0.3294, 0.5765
CMYK	0.20, 0.00, 0.37, 0.33
HSL	92°, 27%, 55%
HSV	92°, 37%, 67%
XYZ	27.5862, 35.5269, 19.5908
YIQ	153.6520, -0.0410, -26.8010

Conversions

Conversions Part 2

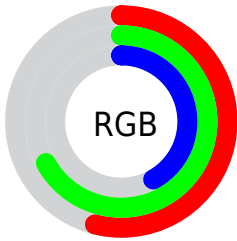
Format	Color
RYB	108, 171, 142
Decimal	9022316
CIELab	66.16, -23.08, 28.74
CIELCh	66, 36.860, 128.764
Yxy	35.5269, 0.3336, 0.4296
Android (android.graphics.Color)	4287212396 (0xFF89AB6C)
YUV	153.6520, -22.5064, -14.6038
Hunter-Lab	59.6044, -21.6942, 22.2357

Details

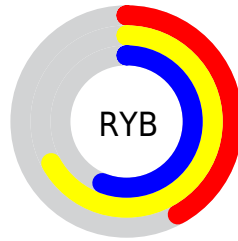
The RGB color **137, 171, 108** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **142, 108, 171**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **191, 226, 160**, and **86, 119, 59** is the 20% darker color. If you saturate the color by 10%, you get **128, 171, 91**, and if you desaturate by 10%, it is **146, 171, 125**.

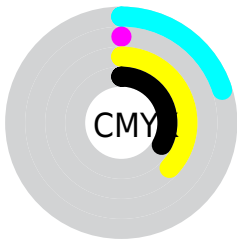
Distribution



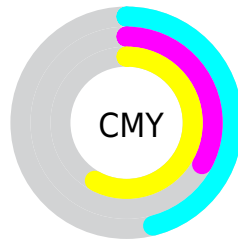
- Red (54%)
- Green (67%)
- Blue (42%)



- Red (42%)
- Yellow (67%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (37%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 171, 108 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 137, 171, 108 by changing the saturation by 10% instead.

 137, 171, 108


255, 255, 255


 191, 226, 160

 219, 255, 187


 248, 255, 215

 255, 255, 244

 137, 171, 108

 111, 144, 83

 86, 119, 59


 61, 94, 36

 37, 70, 13


 16, 47, 0

 0, 29, 0

 0, 0, 0

 137, 171, 108

 128, 171, 91

 137, 171, 108


 146, 171, 125

 119, 171, 74


 155, 171, 142

 109, 171, 57

 165, 171, 159


 100, 171, 40


 174, 171, 176


 91, 171, 23


 183, 171, 193


 82, 171, 5

 192, 171, 211

 79, 171, 0

 202, 171, 228

 211, 171, 245

 220, 171, 255

Harmonies

Analogous

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



173, 162, 94



137, 171, 108



96, 177, 136

Triad

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



137, 171, 108



69, 171, 222



225, 135, 152

Complementary

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



137, 171, 108



142, 108, 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.



210, 138, 186



137, 171, 108



129, 161, 226

Square

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



137, 171, 108



0, 177, 201



177, 149, 213



221, 140, 121

Rectangle

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



137, 171, 108



64, 178, 158



177, 149, 213



222, 135, 163

Sweetspot

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



137, 171, 108



209, 222, 197



171, 142, 108



104, 112, 98



240, 240, 240



112, 112, 112

Same Dimension

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



137, 171, 108



169, 222, 124



108, 171, 110



82, 87, 78



69, 150, 0



11, 23, 0

Inverse Universe

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



142, 108, 171



177, 124, 222



171, 108, 169



83, 78, 87



81, 0, 150



12, 0, 23

Previews

White Background



This preview shows how the RGB color 137, 171, 108 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 137, 171, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

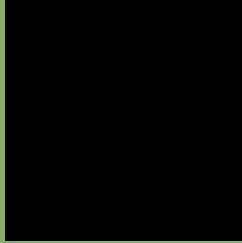
Any Text WCAG AA ✓ Pass

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 137, 171, 108 Background



This preview shows how black text looks on a background with the RGB color 137, 171, 108.



This preview shows how white text looks on a background with the RGB color 137, 171, 108.

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](#).

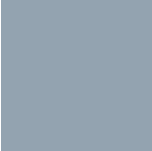
Dichromacy



Original Color
137, 171, 108

Protanopia
174, 160, 104

Deuteranopia
191, 154, 112



Tritanopia
147, 163, 176

Trichromacy



Original Color
137, 171, 108

Protanomaly
161, 164, 105

Deuteranomaly
171, 160, 111

Tritanomaly
143, 166, 151

Monochromacy



Original Color
137, 171, 108

Achromatopsia
154, 154, 154

Achromatomaly
148, 160, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 171, 108 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(137, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(137, 171, 108)  
}
```

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(137, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 171, 108) }
```

Border

The CSS property to change the border of an element to RGB 137, 171, 108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

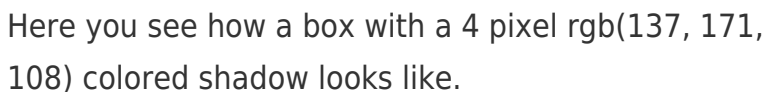
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 171, 108) }
```

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

```
.border{ border-color:rgb(137, 171, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 171, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 171, 108); box-shadow:4px 4px 4px 4px rgb(137, 171, 108) }
```

Background

The CSS property to change the background color of an element to RGB 137, 171, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 171, 108) }
```

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

```
.background{ background-color: rgb(137,  
171, 108) }
```

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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