

Converting Colors

RGB(153, 153, 137)

Have a look what the booklet for
RGB(153, 153, 137) contains.

RGB(153, 153, 137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(153, 153, 137)

Conversions

Conversions Part 1

Format	Color
Hex	999989
RGB	153, 153, 137
RGB Percent	60%, 60%, 54%
CMY	0.4000, 0.4000, 0.4627
CMYK	0.00, 0.00, 0.10, 0.40
HSL	60°, 7%, 57%
HSV	60°, 10%, 60%
XYZ	29.0435, 31.3609, 28.1894
YIQ	151.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

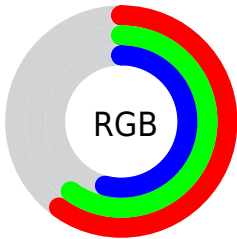
Format	Color
RYB	137, 153, 137
Decimal	10066313
CIELab	62.81, -2.93, 8.41
CIELCh	63, 8.907, 109.192
Yxy	31.3609, 0.3278, 0.3540
Android (android.graphics.Color)	4288256393 (0xFF999989)
YUV	151.1760, -6.9888, 1.5996
Hunter-Lab	56.0008, -5.4267, 9.3555

Details

The RGB color **153, 153, 137** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 137, 153**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **207, 207, 190**, and **102, 102, 87** is the 20% darker color. If you saturate the color by 10%, you get **153, 153, 122**, and if you desaturate by 10%, it is **153, 153, 152**.

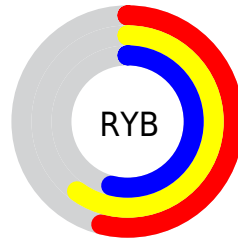
Distribution



Red (60%)

Green (60%)

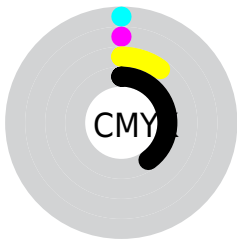
Blue (54%)



Red (54%)

Yellow (60%)

Blue (54%)

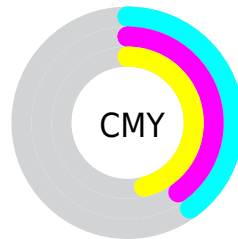


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 153, 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 153, 153, 137 by changing the saturation by 10% instead.

 153, 153, 137


255, 255, 255


 207, 207, 190


 236, 236, 218

 255, 255, 247

 153, 153, 137

 127, 127, 112

 102, 102, 87

 78, 78, 64

 55, 55, 42

 34, 34, 21

 8, 12, 0

 0, 0, 0

 153, 153, 137


 153, 153, 122


 153, 153, 137


 153, 153, 152

 153, 153, 106


 153, 153, 168

 153, 153, 91


 153, 153, 183

 153, 153, 76


 153, 153, 198

 153, 153, 61


 153, 153, 213

 153, 153, 45

 153, 153, 229

 153, 153, 30

 153, 153, 244

 153, 153, 15

 153, 153, 255

 153, 153, 0

Harmonies

Analogous

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



161, 150, 137



153, 153, 137



144, 155, 141

Triad

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



153, 153, 137



134, 156, 164



166, 147, 155

Complementary

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



153, 153, 137



137, 137, 153

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.



160, 148, 162



153, 153, 137



141, 153, 167

Square

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



153, 153, 137



132, 157, 157



150, 151, 167



169, 147, 147

Rectangle

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



153, 153, 137



138, 156, 146



150, 151, 167



165, 147, 158

Sweetspot

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



153, 153, 137



199, 199, 193



153, 137, 137



99, 99, 95



227, 227, 227



99, 99, 99

Same Dimension

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



153, 153, 137



199, 199, 173



145, 153, 137



77, 77, 69



140, 140, 0



13, 13, 0

Inverse Universe

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



137, 137, 153



173, 173, 199



145, 137, 153



69, 69, 77



0, 0, 140



0, 0, 13

Previews

White Background



This preview shows how the RGB color 153, 153, 137 looks on a white background.

Color Contrast Check

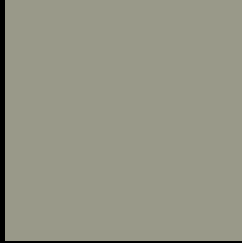
Large Text (above 18pt) WCAG AA × Fail

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 153, 153, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

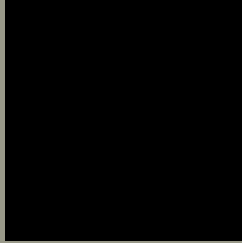
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

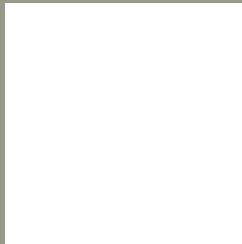
Any Text WCAG AAA ✓ Pass

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

RGB 153, 153, 137 Background



This preview shows how black text looks on a background with the RGB color 153, 153, 137.



This preview shows how white text looks on a background with the RGB color 153, 153, 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

153, 153, 137

Protanopia

158, 151, 136

Deuteranopia

172, 146, 138



Tritanopia
156, 149, 161

Trichromacy



Original Color

153, 153, 137

Protanomaly

156, 152, 136

Deuteranomaly

165, 149, 138

Tritanomaly

155, 150, 152

Monochromacy



Original Color

153, 153, 137

Achromatopsia

151, 151, 151

Achromatomaly

152, 152, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 153, 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(153, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 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(153, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 137) }
```

Border

The CSS property to change the border of an element to RGB 153, 153, 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(153, 153, 137) }
```

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

```
.border{ border-color:rgb(153, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 153, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 153, 137); box-shadow:4px 4px 4px 4px rgb(153, 153, 137) }
```

Background

The CSS property to change the background color of an element to RGB 153, 153, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 137) }
```

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

```
.background{ background-color: rgb(153,  
153, 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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