

Converting Colors

RGB(149, 137, 113)

Have a look what the booklet for
RGB(149, 137, 113) contains.

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Color

RGB(149, 137, 113)

Conversions

Conversions Part 1

Format	Color
Hex	958971
RGB	149, 137, 113
RGB Percent	58%, 54%, 44%
CMY	0.4157, 0.4627, 0.5569
CMYK	0.00, 0.08, 0.24, 0.42
HSL	40°, 15%, 51%
HSV	40°, 24%, 58%
XYZ	24.3207, 25.4731, 19.2578
YIQ	137.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

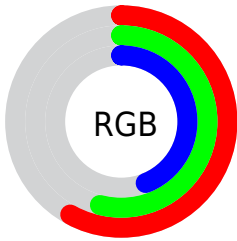
Format	Color
R_{YB}	131, 149, 113
Decimal	9800049
CIE _{Lab}	57.53, 0.48, 14.52
CIE _{LCh}	58, 14.525, 88.122
Yxy	25.4731, 0.3522, 0.3689
Android (android.graphics.Color)	4287990129 (0xFF958971)
YUV	137.8520, -12.2520, 9.7768
Hunter-Lab	50.4709, -2.3092, 12.7069

Details

The RGB color **149, 137, 113** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **113, 125, 149**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **203, 190, 165**, and **98, 87, 65** is the 20% darker color. If you saturate the color by 10%, you get **149, 132, 98**, and if you desaturate by 10%, it is **149, 142, 128**.

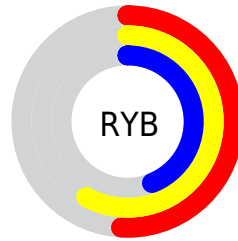
Distribution



Red (58%)

Green (54%)

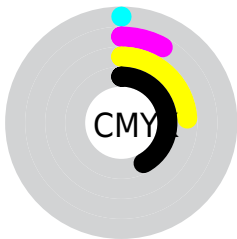
Blue (44%)



Red (51%)

Yellow (58%)

Blue (44%)

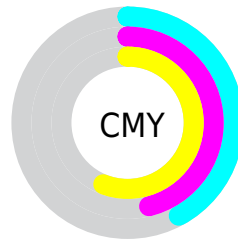


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 137, 113 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 149, 137, 113 by changing the saturation by 10% instead.

 149, 137, 113

255, 255, 255

 203, 190, 165

 232, 218, 192

 255, 247, 220

 255, 255, 248

 149, 137, 113

 149, 132, 98


 149, 127, 83

 149, 137, 113

 123, 112, 88

 98, 87, 65


 74, 64, 43

 51, 42, 22

 30, 22, 0

 0, 0, 0

 149, 137, 113

 149, 142, 128

 149, 147, 143

■ 149, 122, 68

■ 149, 152, 158

■ 149, 117, 53

■ 149, 157, 173

■ 149, 112, 38

■ 149, 162, 187

■ 149, 107, 24

■ 149, 167, 202

■ 149, 102, 9

■ 149, 172, 217

■ 149, 99, 0

■ 149, 177, 232

■ 149, 182, 247

Harmonies

Analogous

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



160, 133, 117



149, 137, 113



135, 141, 116

Triad

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



149, 137, 113



104, 145, 150



154, 131, 152

Complementary

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



149, 137, 113



113, 125, 149

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.



140, 135, 160



149, 137, 113



110, 143, 159

Square

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



149, 137, 113



109, 146, 137



123, 140, 163



163, 129, 139

Rectangle

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



149, 137, 113



125, 143, 121



123, 140, 163



150, 133, 155

Sweetspot

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



149, 137, 113



194, 189, 180



149, 113, 125



97, 94, 89



224, 224, 224



97, 97, 97

Same Dimension

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



149, 137, 113



194, 175, 138



144, 149, 113



74, 71, 67



138, 92, 0



10, 7, 0

Inverse Universe

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



113, 125, 149



138, 156, 194



119, 113, 149



67, 69, 74



0, 46, 138



0, 3, 10

Previews

White Background



This preview shows how the RGB color 149, 137, 113 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 137, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

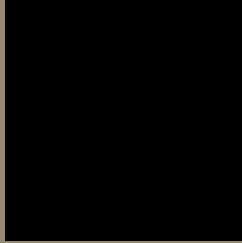
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 149, 137, 113 Background



This preview shows how black text looks on a background with the RGB color 149, 137, 113.



This preview shows how white text looks on a background with the RGB color 149, 137, 113.

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
149, 137, 113

Protanopia
146, 138, 113

Deuteranopia
160, 133, 114



Tritanopia
153, 133, 143

Trichromacy



Original Color

149, 137, 113

Protanomaly

147, 138, 113

Deuteranomaly

156, 134, 114

Tritanomaly

152, 134, 132

Monochromacy



Original Color

149, 137, 113

Achromatopsia

138, 138, 138

Achromatomaly

142, 138, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 137, 113 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(149, 137, 113) looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 113)  
}
```

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(149, 137, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 113) }
```

Border

The CSS property to change the border of an element to RGB 149, 137, 113 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(149, 137, 113) }
```

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

```
.border{ border-color:rgb(149, 137, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 137, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 113);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 149, 137, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 113) }
```

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

```
.background{ background-color: rgb(149,  
137, 113) }
```

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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