

Converting Colors

RGB(163, 154, 135)

Have a look what the booklet for
RGB(163, 154, 135) contains.

RGB(163, 154, 135)	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(163, 154, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A39A87
RGB	163, 154, 135
RGB Percent	64%, 60%, 53%
CMY	0.3608, 0.3961, 0.4706
CMYK	0.00, 0.06, 0.17, 0.36
HSL	41°, 13%, 58%
HSV	41°, 17%, 64%
XYZ	31.0330, 32.6470, 27.5876
YIQ	154.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

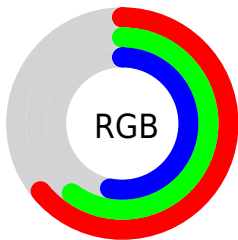
Format	Color
RYB	148, 163, 135
Decimal	10721927
CIELab	63.87, 0.01, 11.16
CIElCh	64, 11.158, 89.942
Yxy	32.6470, 0.3400, 0.3577
Android (android.graphics.Color)	4288912007 (0xFFA39A87)
YUV	154.5250, -9.6258, 7.4326
Hunter-Lab	57.1376, -3.0423, 11.3695

Details

The RGB color **163, 154, 135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **135, 144, 163**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **218, 208, 188**, and **111, 103, 85** is the 20% darker color. If you saturate the color by 10%, you get **163, 149, 119**, and if you desaturate by 10%, it is **163, 159, 151**.

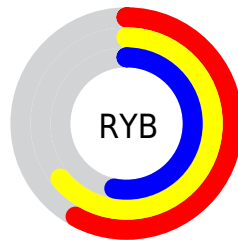
Distribution



Red (64%)

Green (60%)

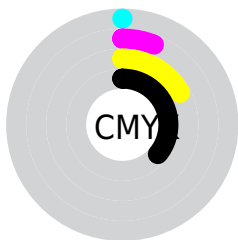
Blue (53%)



Red (58%)

Yellow (64%)

Blue (53%)

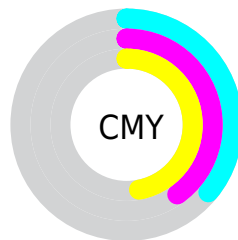


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (36%)



Cyan (36%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 154, 135 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 163, 154, 135 by changing the saturation by 10% instead.

 163, 154, 135


255, 255, 255


 218, 208, 188

 247, 237, 216

 255, 255, 244


 163, 154, 135


 137, 128, 110

 111, 103, 85

 87, 79, 62

 63, 56, 40

 41, 35, 20


 19, 13, 0

 0, 0, 0

 163, 154, 135


 163, 149, 119


 163, 154, 135


 163, 159, 151

 163, 144, 102

 163, 164, 168

 163, 138, 86


 163, 170, 184

 163, 133, 70


 163, 175, 200

 163, 128, 54

 163, 180, 217

 163, 123, 37

 163, 185, 233

 163, 117, 21

 163, 191, 249

 163, 112, 5

 163, 196, 255

 163, 111, 0

 163, 201, 255

Harmonies

Analogous

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



172, 151, 138



163, 154, 135



152, 157, 137

Triad

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



163, 154, 135



130, 160, 164



168, 149, 165

Complementary

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



163, 154, 135



135, 144, 163

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.



157, 152, 172



163, 154, 135



134, 158, 172

Square

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



163, 154, 135



132, 161, 154



144, 156, 174



175, 148, 155

Rectangle

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



163, 154, 135



144, 159, 142



144, 156, 174



165, 150, 168

Sweetspot

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



163, 154, 135



212, 208, 201



163, 135, 144



107, 105, 101



235, 235, 235



107, 107, 107

Same Dimension

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



163, 154, 135



212, 197, 167



158, 163, 135



82, 79, 73



145, 99, 0



18, 12, 0

Inverse Universe

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



135, 144, 163



167, 181, 212



140, 135, 163



73, 76, 82



0, 47, 145



0, 6, 18

Previews

White Background



This preview shows how the RGB color 163, 154, 135 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 163, 154, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

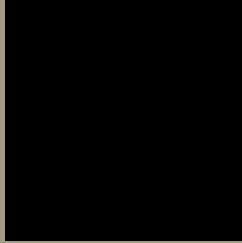
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

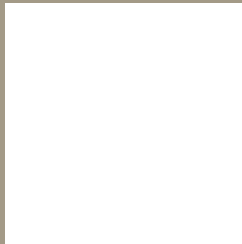
Any Text WCAG AAA ✓ Pass

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

RGB 163, 154, 135 Background



This preview shows how black text looks on a background with the RGB color 163, 154, 135.



This preview shows how white text looks on a background with the RGB color 163, 154, 135.

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
163, 154, 135

Protanopia
162, 154, 135

Deuteranopia
176, 149, 136



Tritanopia
167, 150, 162

Trichromacy



Original Color

163, 154, 135

Protanomaly

162, 154, 135

Deuteranomaly

171, 151, 136

Tritanomaly

166, 151, 152

Monochromacy



Original Color

163, 154, 135

Achromatopsia

155, 155, 155

Achromatomaly

158, 155, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 154, 135 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(163, 154, 135) looks like.

```
.text, #text, p{  
    color:rgb(163, 154, 135)  
}
```

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(163, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 154, 135) }
```

Border

The CSS property to change the border of an element to RGB 163, 154, 135 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(163, 154, 135) }
```

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

```
.border{ border-color:rgb(163, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(163, 154,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 163, 154, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 154, 135) }
```

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

```
.background{ background-color: rgb(163,  
154, 135) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor