

# Converting Colors

RGB(171, 163, 154)

Have a look what the booklet for  
RGB(171, 163, 154) contains.

<b>RGB(171, 163, 154)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(171, 163, 154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABA39A
RGB	171, 163, 154
RGB Percent	67%, 64%, 60%
CMY	0.3294, 0.3608, 0.3961
CMYK	0.00, 0.05, 0.10, 0.33
HSL	32°, 9%, 64%
HSV	32°, 10%, 67%
XYZ	35.7245, 37.1854, 35.8665
YIQ	164.3660, 7.6570, -1.1030

# Conversions

## Conversions Part 2

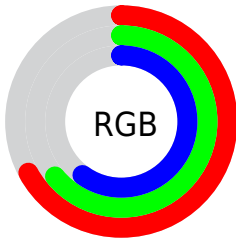
Format	Color
<b>RYB</b>	169, 171, 154
Decimal	11248538
CIELab	67.42, 1.29, 5.70
CIELCh	67, 5.839, 77.266
Yxy	37.1854, 0.3284, 0.3419
Android (android.graphics.Color)	4289438618 (0xFFABA39A)
YUV	164.3660, -5.1104, 5.8180
Hunter-Lab	60.9798, -2.1420, 7.8133

# Details

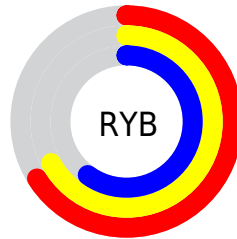
The RGB color **171, 163, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 162, 171**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **226, 218, 208**, and **119, 111, 103** is the 20% darker color. If you saturate the color by 10%, you get **171, 155, 137**, and if you desaturate by 10%, it is **171, 171, 171**.

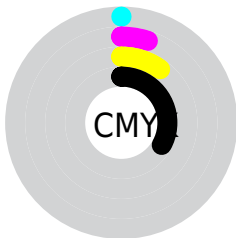
# Distribution



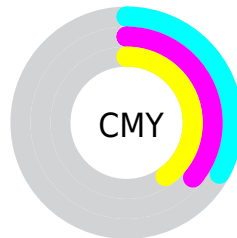
- Red (67%)
- Green (64%)
- Blue (60%)



- Red (66%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 171, 163, 154 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 171, 163, 154 by changing the saturation by 10% instead.




 171, 163, 154

255, 255, 255

 226, 218, 208

 255, 246, 237

 171, 163, 154

 144, 137, 128

 119, 111, 103


 94, 87, 79

 70, 64, 56

 48, 42, 35

 27, 21, 13


 0, 0, 0


 171, 163, 154


 171, 155, 137


 171, 163, 154


 171, 171, 171


 171, 147, 120


 171, 179, 188

 171, 139, 103


 171, 187, 205

 171, 131, 86


 171, 195, 222

 171, 123, 69


 171, 203, 239

 171, 115, 51

 171, 211, 255

 171, 107, 34

 171, 219, 255

 171, 99, 17

 171, 227, 255

 171, 91, 0

 171, 235, 255

# Harmonies

## Analogous

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



175, 162, 157



171, 163, 154



165, 165, 154

# Triad

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



171, 163, 154



152, 167, 167



169, 162, 171

# Complementary

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



171, 163, 154



154, 162, 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.



163, 164, 174



171, 163, 154



152, 167, 172

# Square

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



171, 163, 154



154, 167, 162



156, 165, 174



174, 161, 167

# Rectangle

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



171, 163, 154



161, 166, 156



156, 165, 174



167, 162, 173



# Sweetspot

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



171, 163, 154



222, 219, 215



171, 154, 162



112, 110, 108



240, 240, 240



112, 112, 112



# Same Dimension

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



171, 163, 154



222, 209, 195



171, 171, 154



87, 83, 78



150, 80, 0



23, 12, 0



# Inverse Universe

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



154, 162, 171



195, 208, 222



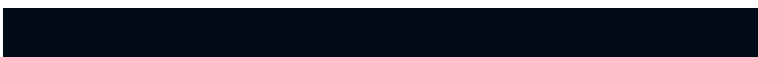
154, 154, 171



78, 82, 87



0, 71, 150



0, 11, 23



# Previews

## White Background



This preview shows how the RGB color 171, 163, 154 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 171, 163, 154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

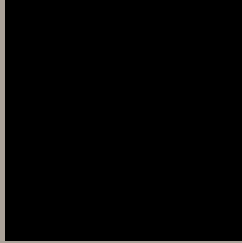
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

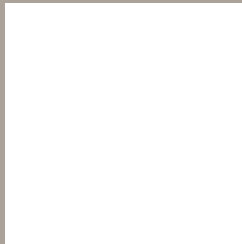
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 171, 163, 154 Background



This preview shows how black text looks on a background with the RGB color 171, 163, 154.



This preview shows how white text looks on a background with the RGB color 171, 163, 154.

# 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**  
171, 163, 154

**Protanopia**  
169, 164, 154

**Deuteranopia**  
183, 159, 155



**Tritanopia**  
174, 160, 173

# Trichromacy



**Original Color**

171, 163, 154

**Protanomaly**

170, 164, 154

**Deuteranomaly**

179, 160, 155

**Tritanomaly**

173, 161, 166

# Monochromacy



**Original Color**

171, 163, 154

**Achromatopsia**

164, 164, 164

**Achromatomaly**

167, 164, 160

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 171, 163, 154 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(171, 163, 154) looks like.

```
.text, #text, p{  
    color:rgb(171, 163, 154)  
}
```

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(171, 163, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 163, 154) }
```

## Border

The CSS property to change the border of an element to RGB 171, 163, 154 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(171, 163, 154) }
```

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

```
.border{ border-color:rgb(171, 163, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 163, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 163,  
154) }
```

# Background

The CSS property to change the background color of an element to RGB 171, 163, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 163, 154) }
```

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

```
.background{ background-color: rgb(171,  
163, 154) }
```

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