

Converting Colors

RGB(153, 144, 133)

Have a look what the booklet for
RGB(153, 144, 133) contains.

RGB(153, 144, 133)	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, 144, 133)

Conversions

Conversions Part 1

Format	Color
Hex	999085
RGB	153, 144, 133
RGB Percent	60%, 56%, 52%
CMY	0.4000, 0.4353, 0.4784
CMYK	0.00, 0.06, 0.13, 0.40
HSL	33°, 9%, 56%
HSV	33°, 13%, 60%
XYZ	27.3438, 28.4123, 26.2332
YIQ	145.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

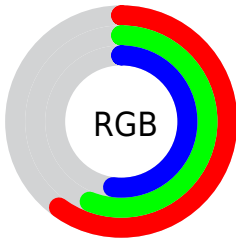
Format	Color
R_{YB}	149, 153, 133
Decimal	10064005
CIE Lab	60.26, 1.37, 7.03
CIE LCh	60, 7.164, 78.986
Yxy	28.4123, 0.3335, 0.3465
Android (android.graphics.Color)	4288254085 (0xFF999085)
YUV	145.4370, -6.1314, 6.6328
Hunter-Lab	53.3032, -1.7126, 8.1325

Details

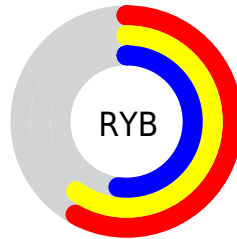
The RGB color **153, 144, 133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133, 142, 153**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **207, 198, 186**, and **102, 94, 84** is the 20% darker color. If you saturate the color by 10%, you get **153, 137, 118**, and if you desaturate by 10%, it is **153, 151, 148**.

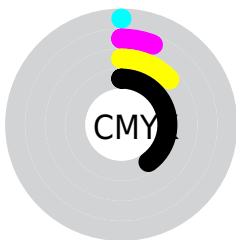
Distribution



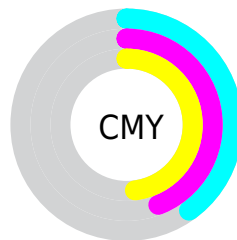
- Red (60%)
- Green (56%)
- Blue (52%)



- Red (58%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the RGB color 153, 144, 133 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, 144, 133 by changing the saturation by 10% instead.

 153, 144, 133


255, 255, 255

 207, 198, 186


 236, 226, 214

 255, 254, 242

 153, 144, 133

 127, 118, 108

 102, 94, 84

 78, 70, 60

 55, 48, 39

 33, 27, 18

 5, 0, 0

 0, 0, 0

 153, 144, 133

 153, 137, 118

 153, 144, 133

 153, 151, 148

■ 153, 130, 102

■ 153, 158, 164

■ 153, 123, 87

■ 153, 165, 179

■ 153, 116, 72

■ 153, 172, 194

■ 153, 110, 57

■ 153, 178, 210

■ 153, 103, 41

■ 153, 185, 225

■ 153, 96, 26

■ 153, 192, 240

■ 153, 89, 11

■ 153, 199, 255

■ 153, 84, 0

■ 153, 206, 255

Harmonies

Analogous

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



158, 142, 136



153, 144, 133



146, 146, 133

Triad

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



153, 144, 133



130, 149, 149



151, 142, 154

Complementary

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



153, 144, 133



133, 142, 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.



144, 144, 157



153, 144, 133



131, 148, 154

Square

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



153, 144, 133



133, 149, 143



136, 146, 157



157, 141, 148

Rectangle

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



153, 144, 133



141, 147, 135



136, 146, 157



149, 143, 155

Sweetspot

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



153, 144, 133



199, 195, 191



153, 133, 142



99, 97, 94



227, 227, 227



99, 99, 99

Same Dimension

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



153, 144, 133



199, 185, 167



152, 153, 133



77, 73, 69



140, 77, 0



13, 7, 0

Inverse Universe

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



133, 142, 153



167, 181, 199



134, 133, 153



69, 72, 77



0, 63, 140



0, 6, 13

Previews

White Background



This preview shows how the RGB color 153, 144, 133 looks on a white background.

Color Contrast Check

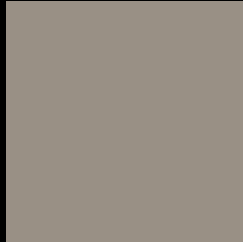
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 144, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

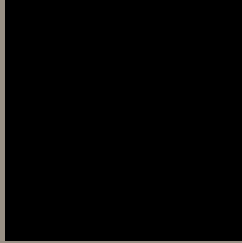
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

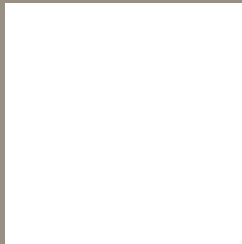
Any Text WCAG AAA × Fail

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

RGB 153, 144, 133 Background



This preview shows how black text looks on a background with the RGB color 153, 144, 133.

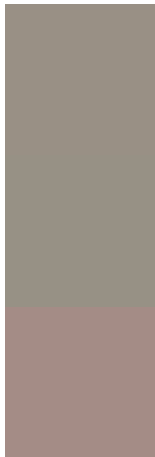


This preview shows how white text looks on a background with the RGB color 153, 144, 133.

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, 144, 133

Protanopia
151, 145, 133

Deuteranopia
164, 140, 134



Tritanopia
156, 141, 152

Trichromacy



Original Color

153, 144, 133

Protanomaly

152, 145, 133

Deuteranomaly

160, 141, 134

Tritanomaly

155, 142, 145

Monochromacy



Original Color

153, 144, 133

Achromatopsia

145, 145, 145

Achromatomaly

148, 145, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 144, 133 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, 144, 133) looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 133)  
}
```

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, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 133) }
```

Border

The CSS property to change the border of an element to RGB 153, 144, 133 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, 144, 133) }
```

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

```
.border{ border-color:rgb(153, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 153, 144, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 133) }
```

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

```
.background{ background-color: rgb(153,  
144, 133) }
```

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