

Converting Colors

RGB(185, 163, 103)

Have a look what the booklet for
RGB(185, 163, 103) contains.

RGB(185, 163, 103)	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(185, 163, 103)

Conversions

Conversions Part 1

Format	Color
Hex	B9A367
RGB	185, 163, 103
RGB Percent	73%, 64%, 40%
CMY	0.2745, 0.3608, 0.5961
CMYK	0.00, 0.12, 0.44, 0.27
HSL	44°, 37%, 56%
HSV	44°, 44%, 73%
XYZ	35.5530, 37.4879, 18.1940
YIQ	162.7380, 32.3720, -13.9960

Conversions

Conversions Part 2

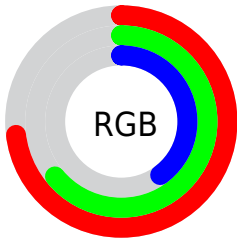
Format	Color
RYB	133, 185, 103
Decimal	12165991
CIELab	67.64, -0.26, 34.05
CIELCh	68, 34.052, 90.444
Yxy	37.4879, 0.3897, 0.4109
Android (android.graphics.Color)	4290356071 (0xFFB9A367)
YUV	162.7380, -29.4508, 19.5238
Hunter-Lab	61.2274, -3.4982, 25.2409

Details

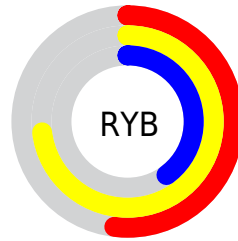
The RGB color **185, 163, 103** is a light color, and the websafe version is hex **999966**. A complement of this color would be **103, 125, 185**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **242, 218, 155**, and **130, 112, 54** is the 20% darker color. If you saturate the color by 10%, you get **185, 158, 85**, and if you desaturate by 10%, it is **185, 168, 122**.

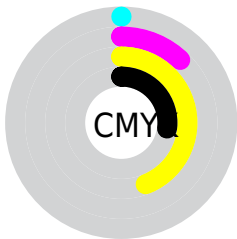
Distribution



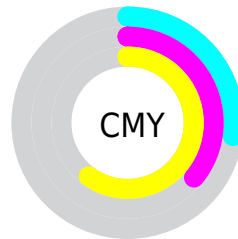
- Red (73%)
- Green (64%)
- Blue (40%)



- Red (52%)
- Yellow (73%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (27%)



- Cyan (27%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 163, 103 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 185, 163, 103 by changing the saturation by 10% instead.

 185, 163, 103

 185, 163, 103

255, 255, 255

 157, 137, 78

 242, 218, 155

 130, 112, 54

 255, 246, 182

 104, 87, 31

 255, 255, 210

 78, 64, 7

 255, 255, 238


 54, 42, 0

 30, 22, 0

 0, 0, 0

 185, 163, 103

 185, 163, 103

 185, 158, 85

 185, 168, 122

■ 185, 153, 66

■ 185, 173, 140

■ 185, 148, 48

■ 185, 178, 159

■ 185, 143, 29

■ 185, 183, 177

■ 185, 138, 10

■ 185, 188, 196

■ 185, 135, 0

■ 185, 193, 214

■ 185, 198, 233

■ 185, 203, 251

■ 185, 208, 255

Harmonies

Analogous

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



210, 152, 112



185, 163, 103



153, 172, 111

Triad

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



185, 163, 103



51, 181, 195



204, 146, 196

Complementary

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



185, 163, 103



103, 125, 185

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.



169, 157, 218



185, 163, 103



74, 176, 217

Square

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



185, 163, 103



78, 181, 164



123, 168, 226



223, 141, 165

Rectangle

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



185, 163, 103



129, 177, 125



123, 168, 226



194, 149, 204

Sweetspot

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



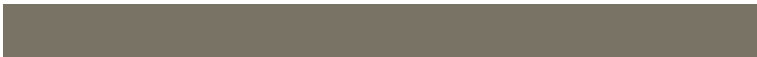
185, 163, 103



240, 231, 209



185, 103, 126



120, 115, 101



247, 247, 247



120, 120, 120

Same Dimension

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



185, 163, 103



240, 206, 113



167, 185, 103



92, 89, 83



156, 114, 0



28, 21, 0

Inverse Universe

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



103, 125, 185



113, 147, 240



121, 103, 185



83, 85, 92



0, 42, 156



0, 8, 28

Previews

White Background



This preview shows how the RGB color 185, 163, 103 looks on a white background.

Color Contrast Check

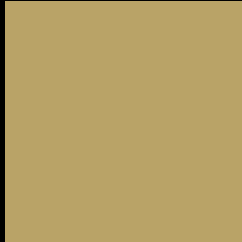
Large Text (above 18pt) WCAG AA × Fail

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 185, 163, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

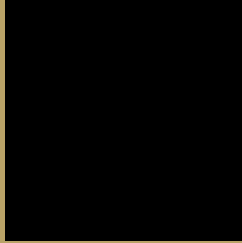
Any Text WCAG AA ✓ Pass

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 185, 163, 103 Background



This preview shows how black text looks on a background with the RGB color 185, 163, 103.



This preview shows how white text looks on a background with the RGB color 185, 163, 103.

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
185, 163, 103

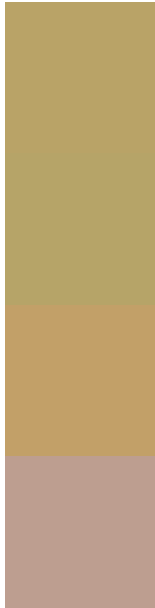
Protanopia
180, 165, 104

Deuteranopia
199, 158, 104



Tritanopia
192, 155, 167

Trichromacy



Original Color
185, 163, 103

Protanomaly
182, 164, 104

Deuteranomaly
194, 160, 104

Tritanomaly
189, 158, 144

Monochromacy



Original Color
185, 163, 103

Achromatopsia
163, 163, 163

Achromatomaly
171, 163, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 163, 103 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(185, 163, 103)` looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 103)  
}
```

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(185, 163, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 103) }
```

Border

The CSS property to change the border of an element to RGB 185, 163, 103 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(185, 163, 103) }
```

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

```
.border{ border-color:rgb(185, 163, 103) }
```

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

Here you see how a box with a 4 pixel rgb(185, 163, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 103);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 185, 163, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 103) }
```

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

```
.background{ background-color: rgb(185,  
163, 103) }
```

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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