

Converting Colors

RGB(183, 163, 105)

Have a look what the booklet for
RGB(183, 163, 105) contains.

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Color

RGB(183, 163, 105)

Conversions

Conversions Part 1

Format	Color
Hex	B7A369
RGB	183, 163, 105
RGB Percent	72%, 64%, 41%
CMY	0.2824, 0.3608, 0.5882
CMYK	0.00, 0.11, 0.43, 0.28
HSL	45°, 35%, 56%
HSV	45°, 43%, 72%
XYZ	35.1754, 37.2816, 18.7067
YIQ	162.3680, 30.5380, -13.7980

Conversions

Conversions Part 2

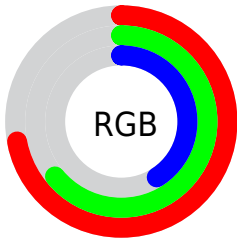
Format	Color
RYB	132, 183, 105
Decimal	12034921
CIELab	67.49, -0.88, 32.76
CIELCh	67, 32.772, 91.540
Yxy	37.2816, 0.3858, 0.4090
Android (android.graphics.Color)	4290225001 (0xFFB7A369)
YUV	162.3680, -28.2824, 18.0943
Hunter-Lab	61.0586, -4.0201, 24.5762

Details

The RGB color **183, 163, 105** is a light color, and the websafe version is hex **999966**. A complement of this color would be **105, 125, 183**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **240, 218, 157**, and **128, 112, 56** is the 20% darker color. If you saturate the color by 10%, you get **183, 158, 87**, and if you desaturate by 10%, it is **183, 168, 123**.

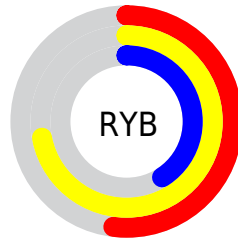
Distribution



Red (72%)

Green (64%)

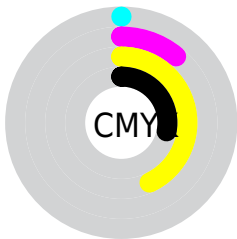
Blue (41%)



Red (52%)

Yellow (72%)

Blue (41%)

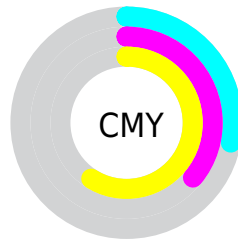


Cyan (0%)

Magenta (11%)

Yellow (43%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 163, 105 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 183, 163, 105 by changing the saturation by 10% instead.

 183, 163, 105


255, 255, 255

 240, 218, 157

 255, 246, 184

 255, 255, 212

 255, 255, 241

 183, 163, 105

 155, 137, 80

 128, 112, 56

 102, 87, 33

 77, 64, 9

 53, 42, 0


 29, 22, 0


 0, 0, 0

 183, 163, 105


 183, 158, 87


 183, 163, 105


 183, 168, 123

 183, 154, 68


 183, 172, 142

 183, 149, 50

 183, 177, 160


 183, 144, 32

 183, 182, 178

 183, 140, 14

 183, 186, 197

 183, 136, 0

 183, 191, 215

 183, 196, 233

 183, 201, 251

 183, 205, 255

Harmonies

Analogous

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



208, 153, 113



183, 163, 105



152, 172, 113

Triad

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



183, 163, 105



59, 179, 194



203, 147, 193

Complementary

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



183, 163, 105



105, 125, 183

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.



170, 156, 215



183, 163, 105



81, 175, 215

Square

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



183, 163, 105



81, 180, 165



126, 167, 223



221, 142, 164

Rectangle

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



183, 163, 105



129, 176, 127



126, 167, 223



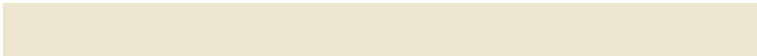
194, 149, 201

Sweetspot

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



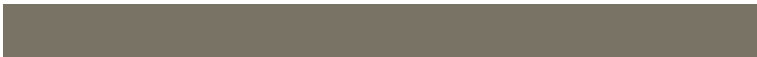
183, 163, 105



237, 229, 206



183, 105, 126



120, 115, 101



247, 247, 247



120, 120, 120

Same Dimension

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



183, 163, 105



237, 206, 116



165, 183, 105



92, 89, 83



156, 116, 0



28, 21, 0

Inverse Universe

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



105, 125, 183



116, 147, 237



123, 105, 183



83, 85, 92



0, 40, 156



0, 7, 28

Previews

White Background



This preview shows how the RGB color 183, 163, 105 looks on a white background.

Color Contrast Check

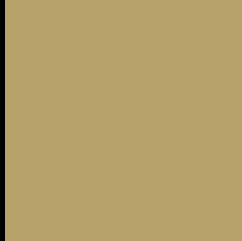
Large Text (above 18pt) WCAG AA × Fail

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 183, 163, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

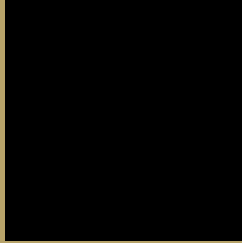
Any Text WCAG AA ✓ Pass

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 183, 163, 105 Background



This preview shows how black text looks on a background with the RGB color 183, 163, 105.



This preview shows how white text looks on a background with the RGB color 183, 163, 105.

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
183, 163, 105

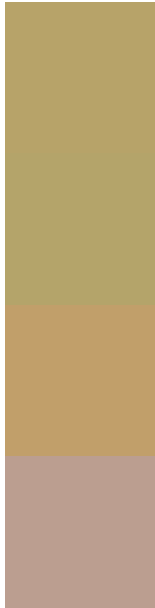
Protanopia
179, 164, 106

Deuteranopia
198, 157, 106



Tritanopia
189, 155, 167

Trichromacy



Original Color
183, 163, 105

Protanomaly
180, 164, 106

Deuteranomaly
193, 159, 106

Tritanomaly
187, 158, 144

Monochromacy



Original Color
183, 163, 105

Achromatopsia
162, 162, 162

Achromatomaly
170, 162, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 163, 105 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(183, 163, 105)` looks like.

```
.text, #text, p{  
    color:rgb(183, 163, 105)  
}
```

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(183, 163, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 163, 105) }
```

Border

The CSS property to change the border of an element to RGB 183, 163, 105 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(183, 163, 105) }
```

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

```
.border{ border-color:rgb(183, 163, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 163, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 163, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 163, 105);  
box-shadow:4px 4px 4px 4px rgb(183, 163,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 183, 163, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 163, 105) }
```

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

```
.background{ background-color: rgb(183,  
163, 105) }
```

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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