

Converting Colors

RGB(181, 173, 102)

Have a look what the booklet for
RGB(181, 173, 102) contains.

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Color

RGB(181, 173, 102)

Conversions

Conversions Part 1

Format	Color
Hex	B5AD66
RGB	181, 173, 102
RGB Percent	71%, 68%, 40%
CMY	0.2902, 0.3216, 0.6000
CMYK	0.00, 0.04, 0.44, 0.29
HSL	54°, 35%, 55%
HSV	54°, 44%, 71%
XYZ	36.3979, 40.6702, 18.5021
YIQ	167.2980, 27.5590, -20.3850

Conversions

Conversions Part 2

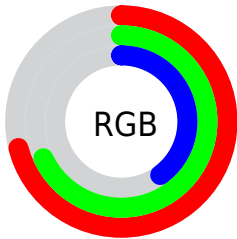
Format	Color
RYB	111, 181, 102
Decimal	11906406
CIELab	69.94, -7.36, 37.40
CIElCh	70, 38.119, 101.129
Yxy	40.6702, 0.3808, 0.4256
Android (android.graphics.Color)	4290096486 (0xFFB5AD66)
YUV	167.2980, -32.1919, 12.0167
Hunter-Lab	63.7732, -9.7260, 27.4398

Details

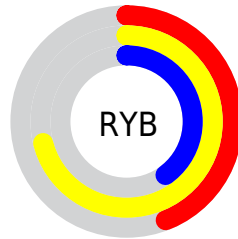
The RGB color **181, 173, 102** is a light color, and the websafe version is hex **999966**. A complement of this color would be **102, 110, 181**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **238, 228, 154**, and **127, 121, 53** is the 20% darker color. If you saturate the color by 10%, you get **181, 171, 84**, and if you desaturate by 10%, it is **181, 175, 120**.

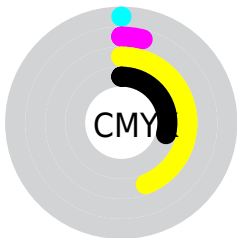
Distribution



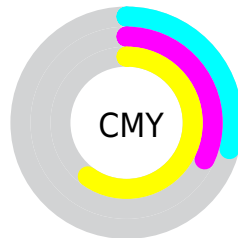
- Red (71%)
- Green (68%)
- Blue (40%)



- Red (44%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (44%)
- Black (29%)




- Cyan (29%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 173, 102 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 181, 173, 102 by changing the saturation by 10% instead.

 181, 173, 102


255, 255, 255

 238, 228, 154

 255, 255, 181

 255, 255, 209

 255, 255, 238

 181, 173, 102

 153, 147, 77

 127, 121, 53


 100, 96, 29


 75, 73, 3


 51, 50, 0


 27, 29, 0

 0, 0, 0

 181, 173, 102

 181, 171, 84

 181, 173, 102

 181, 175, 120

181, 169, 66

181, 177, 138

181, 168, 48

181, 178, 156

181, 166, 30

181, 180, 174

181, 164, 11

181, 182, 193

181, 163, 0

181, 184, 211

181, 186, 229

181, 188, 247

181, 189, 255

Harmonies

Analogous

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



212, 161, 106



181, 173, 102



143, 182, 118

Triad

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



181, 173, 102



16, 187, 215



225, 147, 194

Complementary

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



181, 173, 102



102, 110, 181

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.



191, 157, 223



181, 173, 102



81, 181, 236

Square

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



181, 173, 102



48, 190, 183



142, 170, 239



238, 144, 159

Rectangle

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



181, 173, 102



115, 186, 136



142, 170, 239



216, 150, 205

Sweetspot

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



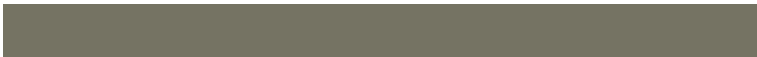
181, 173, 102



235, 232, 204



181, 102, 111



117, 115, 99



245, 245, 245



117, 117, 117

Same Dimension

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



181, 173, 102



235, 222, 113



151, 181, 102



89, 88, 80



153, 138, 0



26, 23, 0

Inverse Universe

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



102, 110, 181



113, 125, 235



132, 102, 181



80, 81, 89



0, 15, 153



0, 3, 26

Previews

White Background



This preview shows how the RGB color 181, 173, 102 looks on a white background.

Color Contrast Check

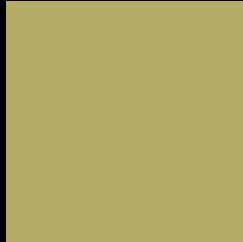
Large Text (above 18pt) WCAG AA × Fail

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 181, 173, 102 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 181, 173, 102 Background



This preview shows how black text looks on a background with the RGB color 181, 173, 102.



This preview shows how white text looks on a background with the RGB color 181, 173, 102.

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
181, 173, 102

Protanopia
187, 171, 101

Deuteranopia
207, 163, 104



Tritanopia
189, 164, 177

Trichromacy



Original Color
181, 173, 102

Protanomaly
185, 172, 101

Deuteranomaly
198, 167, 103

Tritanomaly
186, 167, 150

Monochromacy



Original Color
181, 173, 102

Achromatopsia
167, 167, 167

Achromatomaly
172, 169, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 173, 102 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(181, 173, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 102)  
}
```

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(181, 173, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 102) }
```

Border

The CSS property to change the border of an element to RGB 181, 173, 102 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(181, 173, 102) }
```

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

```
.border{ border-color:rgb(181, 173, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 181, 173, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 102) }
```

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

```
.background{ background-color: rgb(181,  
173, 102) }
```

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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