

Converting Colors

RGB(180, 127, 99)

Have a look what the booklet for
RGB(180, 127, 99) contains.

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Color

RGB(180, 127, 99)

Conversions

Conversions Part 1

Format	Color
Hex	B47F63
RGB	180, 127, 99
RGB Percent	71%, 50%, 39%
CMY	0.2941, 0.5020, 0.6118
CMYK	0.00, 0.29, 0.45, 0.29
HSL	21°, 35%, 55%
HSV	21°, 45%, 71%
XYZ	28.6639, 25.7829, 15.2702
YIQ	139.6550, 40.5760, 2.5280

Conversions

Conversions Part 2

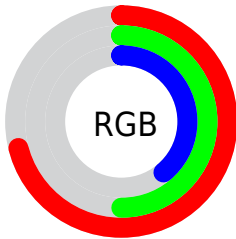
Format	Color
RYB	180, 142, 99
Decimal	11829091
CIELab	57.83, 17.07, 23.38
CIELCh	58, 28.950, 53.875
Yxy	25.7829, 0.4111, 0.3698
Android (android.graphics.Color)	4290019171 (0xFFB47F63)
YUV	139.6550, -20.0429, 35.3826
Hunter-Lab	50.7769, 11.9050, 17.7134

Details

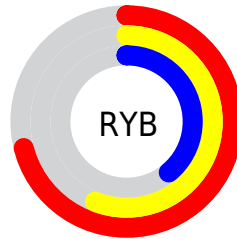
The RGB color **180, 127, 99** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **99, 152, 180**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **238, 180, 150**, and **125, 78, 52** is the 20% darker color. If you saturate the color by 10%, you get **180, 115, 81**, and if you desaturate by 10%, it is **180, 139, 117**.

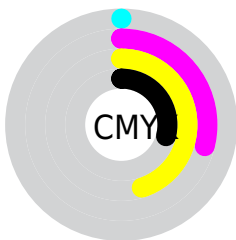
Distribution



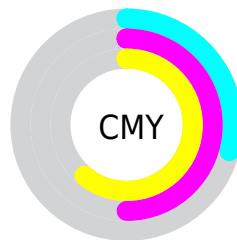
- Red (71%)
- Green (50%)
- Blue (39%)



- Red (71%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (29%)




- Cyan (29%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 127, 99 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 180, 127, 99 by changing the saturation by 10% instead.

 180, 127, 99

 180, 127, 99

255, 255, 255

 152, 102, 75

 238, 180, 150

 125, 78, 52

 255, 208, 177

 98, 55, 30

 255, 236, 204


 73, 33, 7

 255, 255, 233


 48, 12, 0


 18, 0, 0


 0, 0, 0


 180, 127, 99

 180, 127, 99


 180, 115, 81

 180, 139, 117


 180, 103, 63

 180, 151, 135


 180, 92, 45

 180, 162, 153


 180, 80, 27

 180, 174, 171

 180, 68, 9

 180, 186, 189

 180, 62, 0

 180, 198, 207

 180, 209, 225

 180, 221, 243

 180, 233, 255

Harmonies

Analogous

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



189, 121, 120



180, 127, 99



161, 136, 89

Triad

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



180, 127, 99



75, 152, 133



135, 134, 185

Complementary

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



180, 127, 99



99, 152, 180

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.



96, 143, 189



180, 127, 99



51, 152, 159

Square

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



180, 127, 99



106, 149, 108



60, 149, 179



166, 126, 169

Rectangle

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



180, 127, 99



144, 141, 89



60, 149, 179



122, 137, 188

Sweetspot

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



180, 127, 99



235, 213, 202



180, 99, 153



117, 104, 97



245, 245, 245



117, 117, 117

Same Dimension

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



180, 127, 99



235, 152, 108



180, 167, 99



89, 83, 80



153, 53, 0



26, 9, 0

Inverse Universe

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



99, 152, 180



108, 191, 235



99, 113, 180



80, 86, 89



0, 100, 153



0, 17, 26

Previews

White Background



This preview shows how the RGB color 180, 127, 99 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 180, 127, 99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

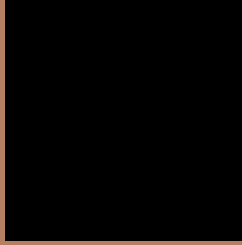
Any Text WCAG AA ✓ Pass

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 180, 127, 99 Background



This preview shows how black text looks on a background with the RGB color 180, 127, 99.



This preview shows how white text looks on a background with the RGB color 180, 127, 99.

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
180, 127, 99

Protanopia
149, 139, 104

Deuteranopia
166, 133, 98



Tritanopia
183, 123, 132

Trichromacy



Original Color

180, 127, 99

Protanomaly

160, 135, 102

Deuteranomaly

171, 131, 98

Tritanomaly

182, 124, 120

Monochromacy



Original Color

180, 127, 99

Achromatopsia

140, 140, 140

Achromatomaly

155, 135, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 127, 99 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(180, 127, 99)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 99)  
}
```

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(180, 127, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 99) }
```

Border

The CSS property to change the border of an element to RGB 180, 127, 99 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(180, 127, 99) }
```

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

```
.border{ border-color:rgb(180, 127, 99) }
```

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

Here you see how a box with a 4 pixel rgb(180, 127, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 99);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
99) }
```

Background

The CSS property to change the background color of an element to RGB 180, 127, 99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 99) }
```

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

```
.background{ background-color: rgb(180,  
127, 99) }
```

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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