

Converting Colors

RGB(178, 132, 107)

Have a look what the booklet for
RGB(178, 132, 107) contains.

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Color

RGB(178, 132, 107)

Conversions

Conversions Part 1

Format	Color
Hex	B2846B
RGB	178, 132, 107
RGB Percent	70%, 52%, 42%
CMY	0.3020, 0.4824, 0.5804
CMYK	0.00, 0.26, 0.40, 0.30
HSL	21°, 32%, 56%
HSV	21°, 40%, 70%
XYZ	29.2652, 27.0290, 17.5846
YIQ	142.9040, 35.4410, 1.9770

Conversions

Conversions Part 2

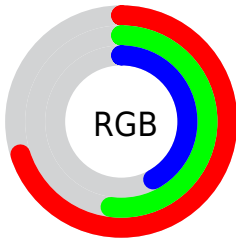
Format	Color
R_{YB}	178, 146, 107
Decimal	11699307
CIE _{Lab}	59.00, 14.35, 20.40
CIE _{LCh}	59, 24.939, 54.875
Yxy	27.0290, 0.3961, 0.3659
Android (android.graphics.Color)	4289889387 (0xFFB2846B)
YUV	142.9040, -17.7007, 30.7792
Hunter-Lab	51.9895, 9.4972, 16.3387

Details

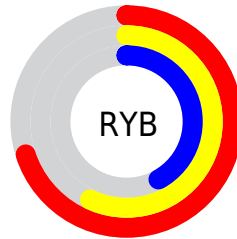
The RGB color **178, 132, 107** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **107, 153, 178**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **235, 185, 159**, and **123, 82, 59** is the 20% darker color. If you saturate the color by 10%, you get **178, 120, 89**, and if you desaturate by 10%, it is **178, 144, 125**.

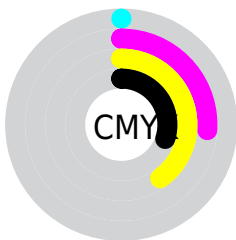
Distribution



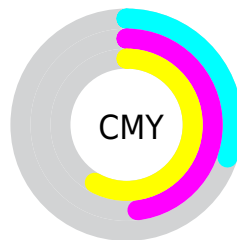
- Red (70%)
- Green (52%)
- Blue (42%)



- Red (70%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (30%)



- Cyan (30%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 132, 107 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 178, 132, 107 by changing the saturation by 10% instead.

 178, 132, 107


255, 255, 255

 235, 185, 159

 255, 213, 186

 255, 241, 213

 255, 255, 242

 178, 132, 107

 150, 107, 83

 123, 82, 59

 97, 59, 37


 72, 37, 17

 48, 16, 0


 22, 0, 0

 0, 0, 0

 178, 132, 107

 178, 120, 89

 178, 132, 107

 178, 144, 125

■ 178, 109, 71

■ 178, 155, 143

■ 178, 97, 54

■ 178, 167, 160

■ 178, 86, 36

■ 178, 178, 178

■ 178, 74, 18

■ 178, 190, 196

■ 178, 63, 0

■ 178, 201, 214

■ 178, 63, 0

■ 178, 213, 232

■ 178, 224, 249

■ 178, 236, 255

Harmonies

Analogous

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



186, 127, 125



178, 132, 107



161, 139, 99

Triad

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



178, 132, 107



89, 154, 137



140, 138, 182

Complementary

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



178, 132, 107



107, 153, 178

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.



108, 145, 185



178, 132, 107



74, 154, 160

Square

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



178, 132, 107



113, 151, 116



81, 151, 177



166, 130, 167

Rectangle

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



178, 132, 107



146, 144, 99



81, 151, 177



130, 140, 184

Sweetspot

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



178, 132, 107



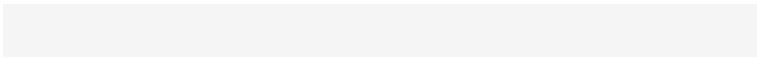
232, 214, 204



178, 107, 153



117, 107, 101



245, 245, 245



117, 117, 117

Same Dimension

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



178, 132, 107



232, 160, 121



178, 167, 107



89, 83, 80



153, 54, 0



26, 9, 0

Inverse Universe

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



107, 153, 178



121, 193, 232



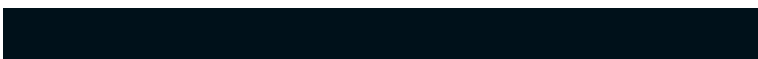
107, 118, 178



80, 86, 89



0, 99, 153



0, 17, 26

Previews

White Background



This preview shows how the RGB color 178, 132, 107 looks on a white background.

Color Contrast Check

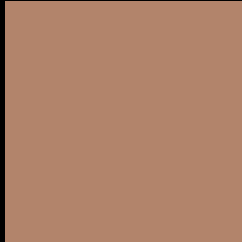
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 132, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

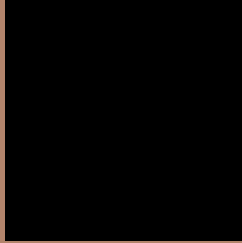
Any Text WCAG AA ✓ Pass

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 178, 132, 107 Background



This preview shows how black text looks on a background with the RGB color 178, 132, 107.



This preview shows how white text looks on a background with the RGB color 178, 132, 107.

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
178, 132, 107

Protanopia
152, 142, 112

Deuteranopia
168, 136, 106



Tritanopia

181, 128, 138

Trichromacy



Original Color
178, 132, 107

Protanomaly
161, 138, 110

Deuteranomaly
172, 135, 106

Tritanomaly
180, 129, 127

Monochromacy



Original Color
178, 132, 107

Achromatopsia
143, 143, 143

Achromatomaly
156, 139, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 132, 107 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(178, 132, 107)` looks like.

```
.text, #text, p{  
    color:rgb(178, 132, 107)  
}
```

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(178, 132, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 132, 107) }
```

Border

The CSS property to change the border of an element to RGB 178, 132, 107 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(178, 132, 107) }
```

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

```
.border{ border-color:rgb(178, 132, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 132, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 132, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 132, 107);  
box-shadow:4px 4px 4px 4px rgb(178, 132,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 178, 132, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 132, 107) }
```

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

```
.background{ background-color: rgb(178,  
132, 107) }
```

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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