

Converting Colors

RGB(178, 174, 121)

Have a look what the booklet for
RGB(178, 174, 121) contains.

RGB(178, 174, 121)	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(178, 174, 121)

Conversions

Conversions Part 1

Format	Color
Hex	B2AE79
RGB	178, 174, 121
RGB Percent	70%, 68%, 47%
CMY	0.3020, 0.3176, 0.5255
CMYK	0.00, 0.02, 0.32, 0.30
HSL	56°, 27%, 59%
HSV	56°, 32%, 70%
XYZ	36.9473, 41.1176, 24.0783
YIQ	169.1540, 19.3970, -15.6350

Conversions

Conversions Part 2

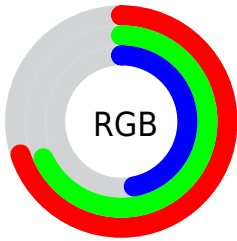
Format	Color
RYB	125, 178, 121
Decimal	11710073
CIELab	70.26, -6.89, 27.78
CIELCh	70, 28.619, 103.937
Yxy	41.1176, 0.3617, 0.4025
Android (android.graphics.Color)	4289900153 (0xFFB2AE79)
YUV	169.1540, -23.7399, 7.7579
Hunter-Lab	64.1230, -9.3644, 22.6226

Details

The RGB color **178, 174, 121** is a light color, and the websafe version is hex **999966**. A complement of this color would be **121, 125, 178**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **234, 229, 174**, and **124, 122, 72** is the 20% darker color. If you saturate the color by 10%, you get **178, 173, 103**, and if you desaturate by 10%, it is **178, 175, 139**.

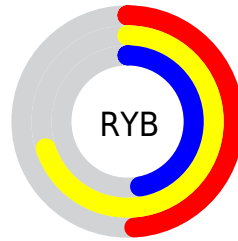
Distribution



Red (70%)

Green (68%)

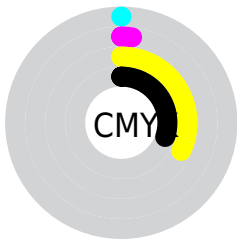
Blue (47%)



Red (49%)

Yellow (70%)

Blue (47%)

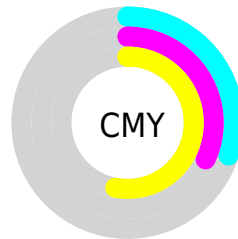


Cyan (0%)

Magenta (2%)

Yellow (32%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 174, 121 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, 174, 121 by changing the saturation by 10% instead.


 178, 174, 121


255, 255, 255

 234, 229, 174

 255, 255, 201

 255, 255, 230

 178, 174, 121

 151, 147, 96

 124, 122, 72

 99, 97, 48

 74, 73, 26


 51, 51, 2

 28, 30, 0

 0, 2, 0

 0, 0, 0

 178, 174, 121

 178, 174, 121

■ 178, 173, 103

■ 178, 175, 139

■ 178, 172, 85

■ 178, 176, 157

■ 178, 170, 68

■ 178, 178, 174

■ 178, 169, 50

■ 178, 179, 192

■ 178, 168, 32

■ 178, 180, 210

■ 178, 167, 14

■ 178, 181, 228

■ 178, 166, 0

■ 178, 183, 246

■ 178, 184, 255

■ 178, 185, 255

Harmonies

Analogous

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



203, 165, 122



178, 174, 121



149, 181, 134

Triad

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



178, 174, 121



93, 184, 207



214, 154, 187

Complementary

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



178, 174, 121



121, 125, 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.



191, 161, 209



178, 174, 121



119, 178, 221

Square

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



178, 174, 121



95, 186, 183



156, 170, 222



224, 153, 160

Rectangle

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



178, 174, 121



129, 184, 148



156, 170, 222



208, 156, 195

Sweetspot

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



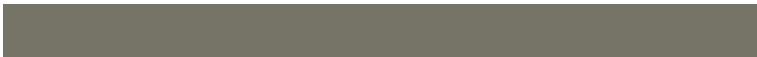
178, 174, 121



232, 230, 209



178, 121, 126



117, 116, 103



245, 245, 245



117, 117, 117

Same Dimension

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



178, 174, 121



232, 226, 144



154, 178, 121



89, 89, 80



153, 142, 0



26, 24, 0

Inverse Universe

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



121, 125, 178



144, 150, 232



145, 121, 178



80, 81, 89



0, 11, 153



0, 2, 26

Previews

White Background



This preview shows how the RGB color 178, 174, 121 looks on a white background.

Color Contrast Check

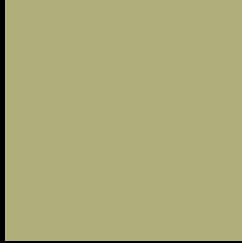
Large Text (above 18pt) WCAG AA × Fail

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 178, 174, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

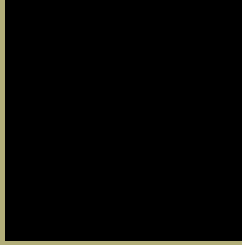
Any Text WCAG AA ✓ Pass

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 178, 174, 121 Background



This preview shows how black text looks on a background with the RGB color 178, 174, 121.



This preview shows how white text looks on a background with the RGB color 178, 174, 121.

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, 174, 121

Protanopia
185, 172, 120

Deuteranopia
204, 164, 123



Tritanopia

185, 167, 180

Trichromacy



Original Color
178, 174, 121

Protanomaly
182, 173, 120

Deuteranomaly
195, 168, 122

Tritanomaly
182, 170, 159

Monochromacy



Original Color
178, 174, 121

Achromatopsia
169, 169, 169

Achromatomaly
172, 171, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 174, 121 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, 174, 121)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 121)  
}
```

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, 174, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 121) }
```

Border

The CSS property to change the border of an element to RGB 178, 174, 121 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, 174, 121) }
```

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

```
.border{ border-color:rgb(178, 174, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 121);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 178, 174, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 121) }
```

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

```
.background{ background-color: rgb(178,  
174, 121) }
```

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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