

Converting Colors

RGB(178, 183, 115)

Have a look what the booklet for
RGB(178, 183, 115) contains.

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Color

RGB(178, 183, 115)

Conversions

Conversions Part 1

Format	Color
Hex	B2B773
RGB	178, 183, 115
RGB Percent	70%, 72%, 45%
CMY	0.3020, 0.2824, 0.5490
CMYK	0.03, 0.00, 0.37, 0.28
HSL	64°, 32%, 58%
HSV	64°, 37%, 72%
XYZ	38.3881, 44.5698, 22.7992
YIQ	173.7530, 18.8480, -22.2080

Conversions

Conversions Part 2

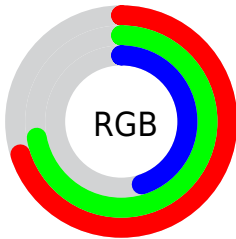
Format	Color
RYB	115, 183, 120
Decimal	11712371
CIELab	72.61, -12.34, 34.01
CIELCh	73, 36.177, 109.940
Yxy	44.5698, 0.3630, 0.4214
Android (android.graphics.Color)	4289902451 (0xFFB2B773)
YUV	173.7530, -28.9652, 3.7246
Hunter-Lab	66.7606, -14.1915, 26.4845

Details

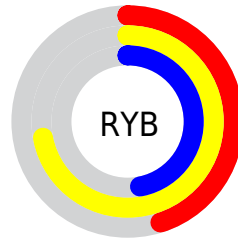
The RGB color **178, 183, 115** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **120, 115, 183**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **235, 239, 168**, and **124, 130, 65** is the 20% darker color. If you saturate the color by 10%, you get **177, 183, 97**, and if you desaturate by 10%, it is **179, 183, 133**.

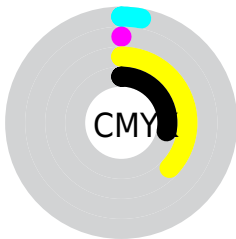
Distribution



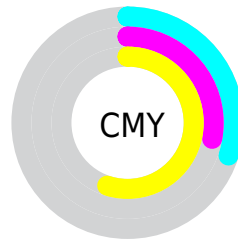
- Red (70%)
- Green (72%)
- Blue (45%)



- Red (45%)
- Yellow (72%)
- Blue (47%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (28%)



- Cyan (30%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 183, 115 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, 183, 115 by changing the saturation by 10% instead.

 178, 183, 115


255, 255, 255


 235, 239, 168

 255, 255, 195


 255, 255, 223

 255, 255, 252

 178, 183, 115

 151, 156, 90

 124, 130, 65

 98, 105, 42

 73, 81, 18


 50, 58, 0

 26, 36, 0

 0, 17, 0

 0, 0, 0

 178, 183, 115

 178, 183, 115

■ 177, 183, 97

■ 179, 183, 133

■ 175, 183, 78

■ 181, 183, 152

■ 174, 183, 60

■ 182, 183, 170

■ 173, 183, 42

■ 183, 183, 188

■ 171, 183, 24

■ 185, 183, 207

■ 170, 183, 5

■ 186, 183, 225

■ 170, 183, 0

■ 187, 183, 243

■ 189, 183, 255

■ 190, 183, 255

Harmonies

Analogous

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



210, 172, 113



178, 183, 115



140, 191, 134

Triad

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



178, 183, 115



65, 192, 228



236, 154, 191

Complementary

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



178, 183, 115



120, 115, 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.



209, 162, 221



178, 183, 115



114, 185, 243

Square

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



178, 183, 115



61, 196, 200



166, 174, 240



243, 154, 157

Rectangle

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



178, 183, 115



113, 194, 154



166, 174, 240



229, 156, 202

Sweetspot

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



178, 183, 115



235, 237, 211



183, 120, 115



119, 120, 104



247, 247, 247



120, 120, 120

Same Dimension

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



178, 183, 115



229, 237, 130



144, 183, 115



91, 92, 83



144, 156, 0



26, 28, 0

Inverse Universe

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



120, 115, 183



138, 130, 237



154, 115, 183



83, 83, 92



11, 0, 156



2, 0, 28

Previews

White Background



This preview shows how the RGB color 178, 183, 115 looks on a white background.

Color Contrast Check

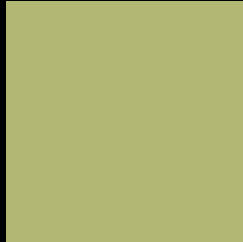
Large Text (above 18pt) WCAG AA × Fail

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, 183, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

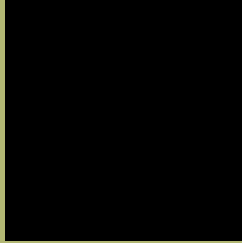
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

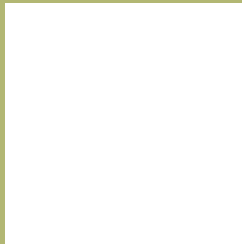
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 178, 183, 115 Background



This preview shows how black text looks on a background with the RGB color 178, 183, 115.



This preview shows how white text looks on a background with the RGB color 178, 183, 115.

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, 183, 115

Protanopia
194, 178, 113

Deuteranopia
214, 170, 118



Tritanopia
187, 174, 188

Trichromacy



Original Color
178, 183, 115

Protanomaly
188, 180, 114

Deuteranomaly
201, 175, 117

Tritanomaly
184, 177, 161

Monochromacy



Original Color
178, 183, 115

Achromatopsia
174, 174, 174

Achromatomaly
175, 177, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 183, 115 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, 183, 115)` looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 115)  
}
```

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, 183, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 115) }
```

Border

The CSS property to change the border of an element to RGB 178, 183, 115 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, 183, 115) }
```

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

```
.border{ border-color:rgb(178, 183, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 183, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 115);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 178, 183, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 115) }
```

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

```
.background{ background-color: rgb(178,  
183, 115) }
```

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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