

Converting Colors

RGB(123, 118, 102)

Have a look what the booklet for
RGB(123, 118, 102) contains.

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Color

RGB(123, 118, 102)

Conversions

Conversions Part 1

Format	Color
Hex	7B7666
RGB	123, 118, 102
RGB Percent	48%, 46%, 40%
CMY	0.5176, 0.5373, 0.6000
CMYK	0.00, 0.04, 0.17, 0.52
HSL	46°, 9%, 44%
HSV	46°, 17%, 48%
XYZ	17.0451, 18.1271, 15.1709
YIQ	117.6710, 8.1160, -3.9160

Conversions

Conversions Part 2

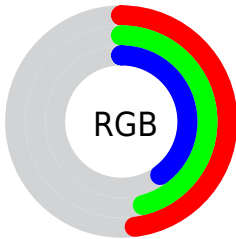
Format	Color
R_{YB}	109, 123, 102
Decimal	8091238
CIE _{Lab}	49.65, -1.01, 9.51
CIE _{LCh}	50, 9.559, 96.078
Yxy	18.1271, 0.3386, 0.3601
Android (android.graphics.Color)	4286281318 (0xFF7B7666)
YUV	117.6710, -7.7258, 4.6735
Hunter-Lab	42.5760, -3.0463, 8.6767

Details

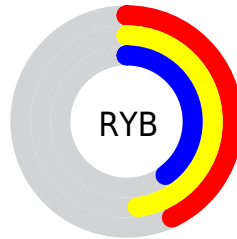
The RGB color **123, 118, 102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102, 107, 123**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **176, 170, 153**, and **74, 70, 55** is the 20% darker color. If you saturate the color by 10%, you get **123, 115, 90**, and if you desaturate by 10%, it is **123, 121, 114**.

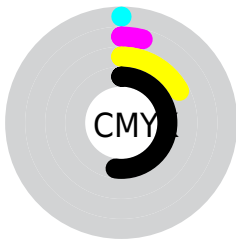
Distribution



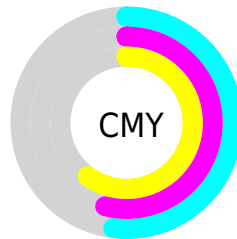
- Red (48%)
- Green (46%)
- Blue (40%)



- Red (43%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 118, 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 123, 118, 102 by changing the saturation by 10% instead.

■ 123, 118, 102

255, 255, 255

■ 176, 170, 153

■ 203, 197, 180

■ 231, 225, 207

■ 255, 254, 236

■ 123, 118, 102

■ 98, 93, 78

■ 74, 70, 55

■ 51, 48, 34

■ 30, 27, 12

■ 0, 0, 0

■ 123, 118, 102

■ 123, 115, 90

■ 123, 112, 77

■ 123, 109, 65

■ 123, 118, 102

■ 123, 121, 114

■ 123, 124, 127

■ 123, 127, 139

■ 123, 106, 53

■ 123, 130, 151

■ 123, 103, 41

■ 123, 133, 164

■ 123, 100, 28

■ 123, 136, 176

■ 123, 98, 16

■ 123, 139, 188

■ 123, 95, 4

■ 123, 141, 200

■ 123, 94, 0

■ 123, 144, 213

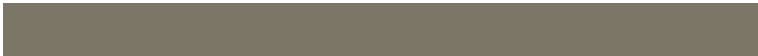
Harmonies

Analogous

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



131, 115, 103



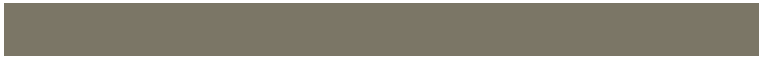
123, 118, 102



114, 120, 105

Triad

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



123, 118, 102



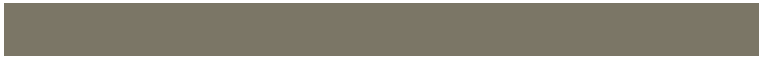
98, 122, 127



130, 113, 125

Complementary

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



123, 118, 102



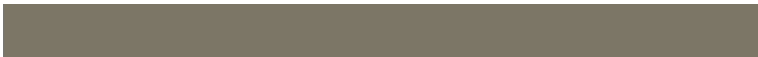
102, 107, 123

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.



122, 115, 131



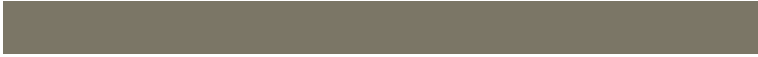
123, 118, 102



102, 121, 133

Square

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



123, 118, 102



99, 123, 119



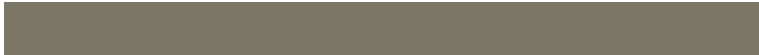
111, 118, 134



135, 113, 117

Rectangle

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



123, 118, 102



108, 122, 109



111, 118, 134



128, 114, 127

Sweetspot

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



123, 118, 102



161, 159, 153



123, 102, 107



82, 80, 77



209, 209, 209



82, 82, 82

Same Dimension

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



123, 118, 102



161, 153, 129



118, 123, 102



61, 60, 55



125, 95, 0



252, 192, 0

Inverse Universe

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



102, 107, 123



129, 136, 161



107, 102, 123



55, 57, 61



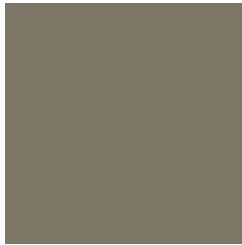
0, 30, 125



0, 60, 252

Previews

White Background



This preview shows how the RGB color 123, 118, 102 looks on a white background.

Color Contrast Check

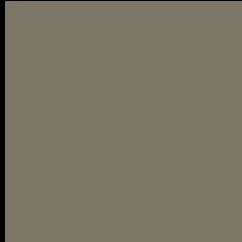
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 123, 118, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

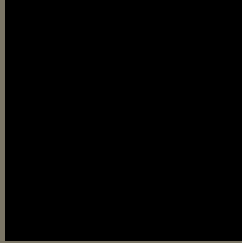
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

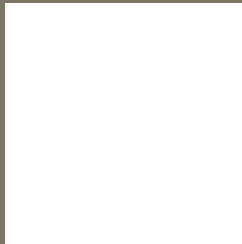
Any Text WCAG AAA × Fail

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

RGB 123, 118, 102 Background



This preview shows how black text looks on a background with the RGB color 123, 118, 102.



This preview shows how white text looks on a background with the RGB color 123, 118, 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

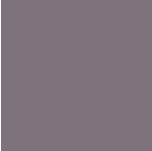
[123](#), [118](#), [102](#)

Protanopia

[124](#), [118](#), [102](#)

Deuteranopia

[135](#), [114](#), [103](#)



Tritanopia
126, 115, 124

Trichromacy



Original Color

123, 118, 102

Protanomaly

124, 118, 102

Deuteranomaly

131, 115, 103

Tritanomaly

125, 116, 116

Monochromacy



Original Color

123, 118, 102

Achromatopsia

118, 118, 118

Achromatomaly

120, 118, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 118, 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(123, 118, 102) looks like.

```
.text, #text, p{  
    color:rgb(123, 118, 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(123, 118, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 118, 102) }
```

Border

The CSS property to change the border of an element to RGB 123, 118, 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(123, 118, 102) }
```

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

```
.border{ border-color:rgb(123, 118, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 118, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 118, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 118, 102);  
box-shadow:4px 4px 4px 4px rgb(123, 118,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 123, 118, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 118, 102) }
```

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

```
.background{ background-color: rgb(123,  
118, 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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