

Converting Colors

RGB(123, 118, 103)

Have a look what the booklet for
RGB(123, 118, 103) contains.

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Color

RGB(123, 118, 103)

Conversions

Conversions Part 1

Format	Color
Hex	7B7667
RGB	123, 118, 103
RGB Percent	48%, 46%, 40%
CMY	0.5176, 0.5373, 0.5961
CMYK	0.00, 0.04, 0.16, 0.52
HSL	45°, 9%, 44%
HSV	45°, 16%, 48%
XYZ	17.0950, 18.1471, 15.4337
YIQ	117.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

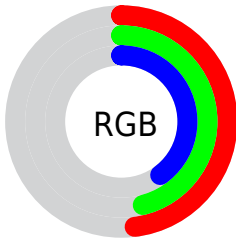
Format	Color
R_{YB}	110, 123, 103
Decimal	8091239
CIE Lab	49.67, -0.84, 8.95
CIE LCh	50, 8.991, 95.367
Yxy	18.1471, 0.3373, 0.3581
Android (android.graphics.Color)	4286281319 (0xFF7B7667)
YUV	117.7850, -7.2890, 8.5736
Hunter-Lab	42.5994, -2.9175, 8.3389

Details

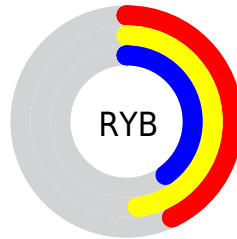
The RGB color **123, 118, 103** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103, 108, 123**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **176, 170, 154**, and **74, 70, 56** is the 20% darker color. If you saturate the color by 10%, you get **123, 115, 91**, and if you desaturate by 10%, it is **123, 121, 115**.

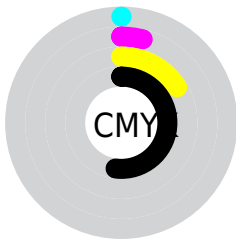
Distribution



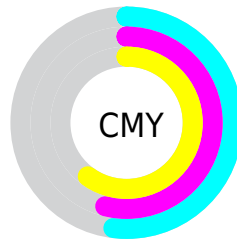
- Red (48%)
- Green (46%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 118, 103 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, 103 by changing the saturation by 10% instead.

■ 123, 118, 103

255, 255, 255

■ 176, 170, 154

■ 203, 197, 181

■ 231, 225, 208

■ 255, 254, 237

■ 123, 118, 103

■ 98, 93, 79

■ 74, 70, 56

■ 51, 48, 35

■ 30, 27, 13

■ 0, 0, 0

■ 123, 118, 103

■ 123, 115, 91

■ 123, 112, 78

■ 123, 109, 66

■ 123, 118, 103

■ 123, 121, 115

■ 123, 124, 128

■ 123, 127, 140

■ 123, 106, 54

■ 123, 130, 152

■ 123, 103, 42

■ 123, 133, 165

■ 123, 100, 29

■ 123, 136, 177

■ 123, 96, 17

■ 123, 140, 189

■ 123, 93, 5

■ 123, 143, 201

■ 123, 92, 0

■ 123, 146, 214

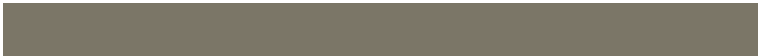
Harmonies

Analogous

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



130, 116, 104



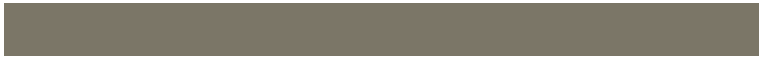
123, 118, 103



114, 120, 106

Triad

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



123, 118, 103



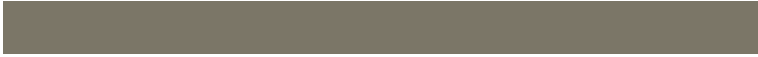
99, 122, 127



129, 114, 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, 103



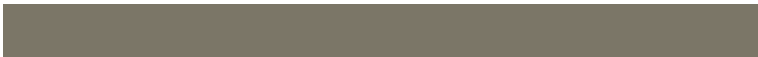
103, 108, 123

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.



121, 116, 131



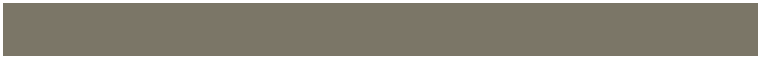
123, 118, 103



103, 121, 132

Square

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



123, 118, 103



100, 123, 119



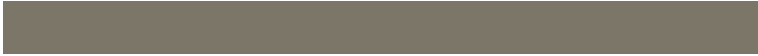
112, 118, 133



134, 113, 117

Rectangle

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



123, 118, 103



109, 122, 109



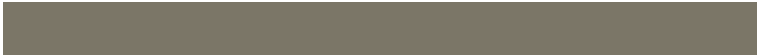
112, 118, 133



127, 114, 127

Sweetspot

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



123, 118, 103



161, 159, 153



123, 103, 108



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, 103



161, 153, 129



118, 123, 103



61, 60, 55



125, 94, 0



252, 189, 0

Inverse Universe

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



103, 108, 123



129, 137, 161



108, 103, 123



55, 57, 61



0, 31, 125



0, 63, 252

Previews

White Background



This preview shows how the RGB color 123, 118, 103 looks on a white background.

Color Contrast Check

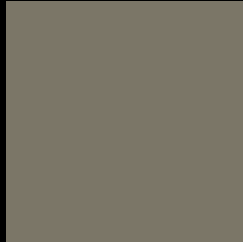
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

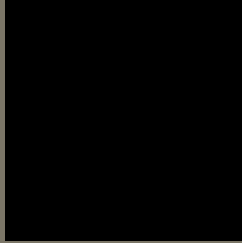
Any Text WCAG AA ✓ Pass

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, 103 Background



This preview shows how black text looks on a background with the RGB color 123, 118, 103.



This preview shows how white text looks on a background with the RGB color 123, 118, 103.

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

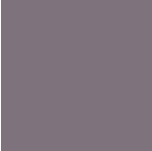
[123](#), [118](#), [103](#)

Protanopia

[124](#), [118](#), [103](#)

Deuteranopia

[135](#), [114](#), [104](#)



Tritanopia
126, 115, 124

Trichromacy



Original Color

123, 118, 103

Protanomaly

124, 118, 103

Deuteranomaly

131, 115, 104

Tritanomaly

125, 116, 116

Monochromacy



Original Color

123, 118, 103

Achromatopsia

118, 118, 118

Achromatomaly

120, 118, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 118, 103 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(123, 118, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 118, 103) }
```

Border

The CSS property to change the border of an element to RGB 123, 118, 103 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, 103) }
```

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

```
.border{ border-color:rgb(123, 118, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 118, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 118, 103);  
box-shadow:4px 4px 4px 4px rgb(123, 118,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 123, 118, 103 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, 103) }
```

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

```
.background{ background-color: rgb(123,  
118, 103) }
```

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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