

Converting Colors

RGB(151, 123, 106)

Have a look what the booklet for
RGB(151, 123, 106) contains.

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Color

RGB(151, 123, 106)

Conversions

Conversions Part 1

Format	Color
Hex	977B6A
RGB	151, 123, 106
RGB Percent	59%, 48%, 42%
CMY	0.4078, 0.5176, 0.5843
CMYK	0.00, 0.19, 0.30, 0.41
HSL	23°, 18%, 50%
HSV	23°, 30%, 59%
XYZ	22.4470, 21.7858, 16.6577
YIQ	129.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

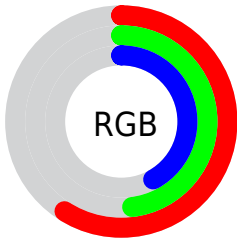
Format	Color
RYB	151, 133, 106
Decimal	9927530
CIELab	53.80, 8.20, 13.38
CIELCh	54, 15.691, 58.484
Yxy	21.7858, 0.3686, 0.3578
Android (android.graphics.Color)	4288117610 (0xFF977B6A)
YUV	129.4340, -11.5530, 18.9134
Hunter-Lab	46.6753, 4.1620, 11.5130

Details

The RGB color **151, 123, 106** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 134, 151**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **206, 175, 157**, and **99, 74, 59** is the 20% darker color. If you saturate the color by 10%, you get **151, 114, 91**, and if you desaturate by 10%, it is **151, 132, 121**.

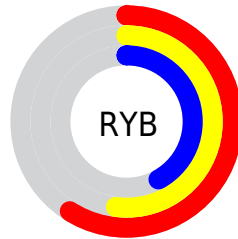
Distribution



Red (59%)

Green (48%)

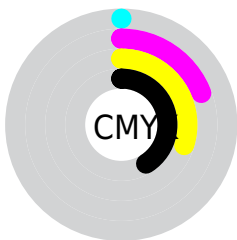
Blue (42%)



Red (59%)

Yellow (52%)

Blue (42%)

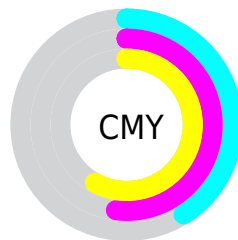


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (41%)



Cyan (41%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 123, 106 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 151, 123, 106 by changing the saturation by 10% instead.

 151, 123, 106

 151, 123, 106

255, 255, 255

 125, 98, 82


 206, 175, 157

 99, 74, 59

 234, 203, 184

 75, 52, 37


 255, 231, 212


 51, 30, 16


 255, 255, 240


 30, 7, 0


 0, 0, 0


 151, 123, 106

 151, 123, 106

 151, 114, 91

 151, 132, 121

 151, 104, 76

 151, 142, 136

■ 151, 95, 61

■ 151, 151, 151

■ 151, 85, 46

■ 151, 161, 166

■ 151, 76, 30

■ 151, 170, 182

■ 151, 67, 15

■ 151, 179, 197

■ 151, 57, 0

■ 151, 189, 212

■ 151, 57, 0

■ 151, 198, 227

■ 151, 208, 242

Harmonies

Analogous

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



157, 120, 116



151, 123, 106



140, 127, 102

Triad

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



151, 123, 106



97, 136, 127



130, 125, 152

Complementary

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



151, 123, 106



106, 134, 151

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.



112, 130, 155



151, 123, 106



92, 136, 141

Square

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



151, 123, 106



110, 135, 114



97, 134, 151



146, 121, 143

Rectangle

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



151, 123, 106



130, 130, 103



97, 134, 151



124, 127, 154

Sweetspot

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



151, 123, 106



196, 185, 179



151, 106, 134



99, 93, 89



227, 227, 227



99, 99, 99

Same Dimension

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



151, 123, 106



196, 152, 126



151, 145, 106



77, 72, 69



140, 53, 0



13, 5, 0

Inverse Universe

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



106, 134, 151



126, 170, 196



106, 112, 151



69, 74, 77



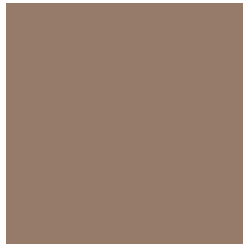
0, 87, 140



0, 8, 13

Previews

White Background



This preview shows how the RGB color 151, 123, 106 looks on a white background.

Color Contrast Check

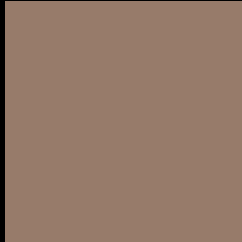
Large Text (above 18pt) WCAG AA ✓ Pass

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 151, 123, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

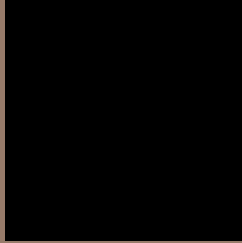
Any Text WCAG AA ✓ Pass

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 151, 123, 106 Background



This preview shows how black text looks on a background with the RGB color 151, 123, 106.



This preview shows how white text looks on a background with the RGB color 151, 123, 106.

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
151, 123, 106

Protanopia
136, 128, 109

Deuteranopia
149, 124, 106



Tritanopia
154, 120, 129

Trichromacy



Original Color
151, 123, 106

Protanomaly
141, 126, 108

Deuteranomaly
150, 124, 106

Tritanomaly
153, 121, 121

Monochromacy



Original Color
151, 123, 106

Achromatopsia
129, 129, 129

Achromatomaly
137, 127, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 123, 106 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(151, 123, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 123, 106)  
}
```

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(151, 123, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 123, 106) }
```

Border

The CSS property to change the border of an element to RGB 151, 123, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

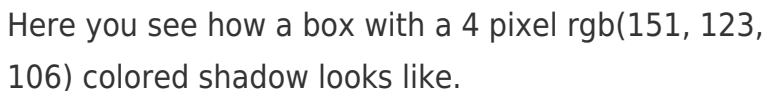
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 123, 106) }
```

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

```
.border{ border-color:rgb(151, 123, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 123, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 123, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 123, 106);  
box-shadow:4px 4px 4px 4px rgb(151, 123,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 151, 123, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 123, 106) }
```

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

```
.background{ background-color: rgb(151,  
123, 106) }
```

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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