

Converting Colors

RGB(127, 128, 103)

Have a look what the booklet for
RGB(127, 128, 103) contains.

RGB(127, 128, 103)	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(127, 128, 103)

Conversions

Conversions Part 1

Format	Color
Hex	7F8067
RGB	127, 128, 103
RGB Percent	50%, 50%, 40%
CMY	0.5020, 0.4980, 0.5961
CMYK	0.01, 0.00, 0.20, 0.50
HSL	62°, 11%, 45%
HSV	62°, 20%, 50%
XYZ	18.9197, 20.9296, 15.8746
YIQ	124.8510, 7.4290, -7.9870

Conversions

Conversions Part 2

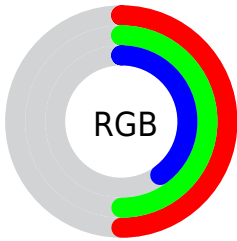
Format	Color
RYB	103, 128, 104
Decimal	8355943
CIELab	52.87, -4.92, 13.48
CIElCh	53, 14.353, 110.058
Yxy	20.9296, 0.3395, 0.3756
Android (android.graphics.Color)	4286546023 (0xFF7F8067)
YUV	124.8510, -10.7725, 1.8847
Hunter-Lab	45.7489, -6.2408, 11.4510

Details

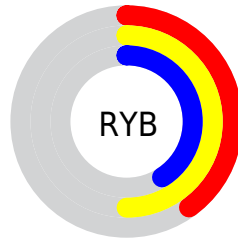
The RGB color **127, 128, 103** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **104, 103, 128**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **180, 181, 154**, and **78, 79, 56** is the 20% darker color. If you saturate the color by 10%, you get **126, 128, 90**, and if you desaturate by 10%, it is **128, 128, 116**.

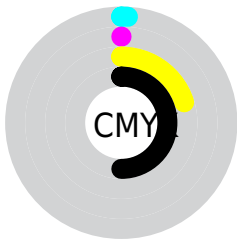
Distribution



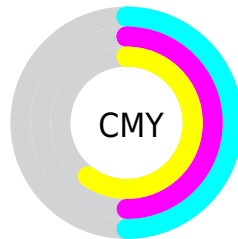
- Red (50%)
- Green (50%)
- Blue (40%)



- Red (40%)
- Yellow (50%)
- Blue (41%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the RGB color 127, 128, 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 127, 128, 103 by changing the saturation by 10% instead.

 127, 128, 103

255, 255, 255

 180, 181, 154

 208, 208, 181

 236, 237, 209

 255, 255, 237

 127, 128, 103

 126, 128, 90

 126, 128, 77

 127, 128, 103

 102, 103, 79

 78, 79, 56

 55, 56, 34


 33, 35, 13


 3, 13, 0

 0, 0, 0


 127, 128, 103

 128, 128, 116


 128, 128, 129


 125, 128, 65


 129, 128, 141


 125, 128, 52


 129, 128, 154


 124, 128, 39

 130, 128, 167


 124, 128, 26

 130, 128, 180


 123, 128, 13

 131, 128, 193

 123, 128, 1

 131, 128, 205

 123, 128, 0

 132, 128, 218

Harmonies

Analogous

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



140, 124, 102



127, 128, 103



113, 131, 110

Triad

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



127, 128, 103



96, 132, 145



149, 118, 131

Complementary

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



127, 128, 103



104, 103, 128

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.



138, 120, 142



127, 128, 103



107, 129, 150

Square

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



127, 128, 103



93, 133, 134



123, 124, 149



152, 118, 118

Rectangle

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



127, 128, 103



104, 133, 117



123, 124, 149



146, 119, 135

Sweetspot

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



127, 128, 103



165, 166, 156



128, 104, 103



84, 84, 78



212, 212, 212



84, 84, 84

Same Dimension

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



127, 128, 103



164, 166, 128



115, 128, 103



63, 64, 57



122, 128, 0



0, 0, 0

Inverse Universe

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



104, 103, 128



129, 128, 166



116, 103, 128



58, 57, 64



5, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 127, 128, 103 looks on a white background.

Color Contrast Check

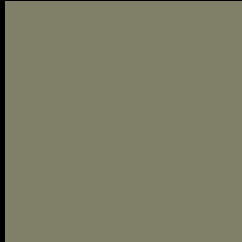
Large Text (above 18pt) WCAG AA ✓ Pass

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 127, 128, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

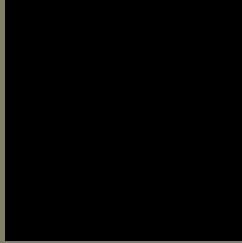
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

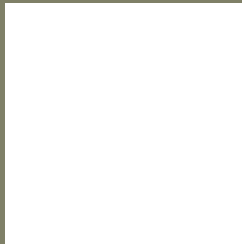
Any Text WCAG AAA × Fail

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

RGB 127, 128, 103 Background



This preview shows how black text looks on a background with the RGB color 127, 128, 103.



This preview shows how white text looks on a background with the RGB color 127, 128, 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
[127, 128, 103](#)

Protanopia
[134, 126, 102](#)

Deuteranopia
[146, 121, 104](#)



Tritanopia

131, 124, 134

Trichromacy



Original Color

127, 128, 103

Protanomaly

131, 127, 102

Deuteranomaly

139, 124, 104

Tritanomaly

130, 125, 123

Monochromacy



Original Color

127, 128, 103

Achromatopsia

125, 125, 125

Achromatomaly

126, 126, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 128, 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(127, 128, 103) looks like.

```
.text, #text, p{  
    color:rgb(127, 128, 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(127, 128, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 128, 103) }
```

Border

The CSS property to change the border of an element to RGB 127, 128, 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(127, 128, 103) }
```

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

```
.border{ border-color:rgb(127, 128, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 128, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 128, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 128, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 128,  
103) }
```

Background

The CSS property to change the background color of an element to RGB 127, 128, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 128, 103) }
```

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

```
.background{ background-color: rgb(127,  
128, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor