

Converting Colors

RGB(123, 123, 120)

Have a look what the booklet for
RGB(123, 123, 120) contains.

RGB(123, 123, 120)	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(123, 123, 120)

Conversions

Conversions Part 1

Format	Color
Hex	7B7B78
RGB	123, 123, 120
RGB Percent	48%, 48%, 47%
CMY	0.5176, 0.5176, 0.5294
CMYK	0.00, 0.00, 0.02, 0.52
HSL	60°, 1%, 48%
HSV	60°, 2%, 48%
XYZ	18.6415, 19.7329, 20.5956
YIQ	122.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

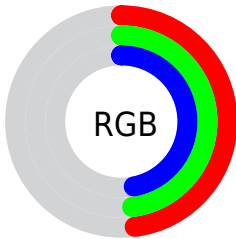
Format	Color
R_{YB}	120, 123, 120
Decimal	8092536
CIE Lab	51.53, -0.59, 1.63
CIE LCh	52, 1.735, 109.930
Yxy	19.7329, 0.3161, 0.3346
Android (android.graphics.Color)	4286282616 (0xFF7B7B78)
YUV	122.6580, -1.3104, 0.2999
Hunter-Lab	44.4218, -2.8310, 3.6061

Details

The RGB color `123, 123, 120` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `120, 120, 123`, and the grayscale version is `123, 123, 123`.

A 20% lighter version of the original color is `175, 175, 172`, and `74, 74, 72` is the 20% darker color. If you saturate the color by 10%, you get `123, 123, 108`, and if you desaturate by 10%, it is `123, 123, 132`.

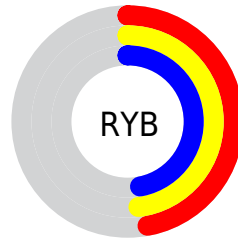
Distribution



Red (48%)

Green (48%)

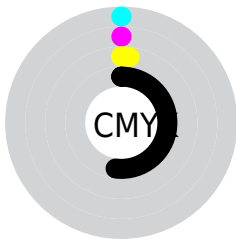
Blue (47%)



Red (47%)

Yellow (48%)

Blue (47%)

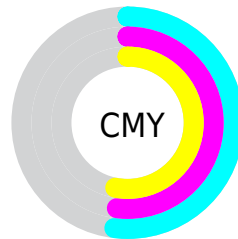


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 123, 120 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, 123, 120 by changing the saturation by 10% instead.

■ 123, 123, 120

255, 255, 255

■ 175, 175, 172

■ 203, 203, 200

■ 231, 231, 228

■ 123, 123, 120

■ 98, 98, 95

■ 74, 74, 72

■ 52, 52, 49

■ 31, 31, 28

■ 6, 6, 2

■ 0, 0, 0

■ 123, 123, 120

■ 123, 123, 108

■ 123, 123, 95

■ 123, 123, 120

■ 123, 123, 132

■ 123, 123, 145

■ 123, 123, 83

■ 123, 123, 157

■ 123, 123, 71

■ 123, 123, 169

■ 123, 123, 59

■ 123, 123, 182

■ 123, 123, 46

■ 123, 123, 194

■ 123, 123, 34

■ 123, 123, 206

■ 123, 123, 22

■ 123, 123, 218

■ 123, 123, 9

■ 123, 123, 231

Harmonies

Analogous

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



125, 123, 120



123, 123, 120



121, 123, 121

Triad

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



123, 123, 120



120, 123, 125



126, 122, 123

Complementary

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



123, 123, 120



120, 120, 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.



124, 122, 125



123, 123, 120



121, 123, 126

Square

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



123, 123, 120



119, 124, 124



123, 123, 126



126, 122, 122

Rectangle

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



123, 123, 120



120, 124, 122



123, 123, 126



125, 122, 124

Sweetspot

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



123, 123, 120



161, 161, 159



123, 120, 120



82, 82, 81



209, 209, 209



82, 82, 82

Same Dimension

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



123, 123, 120



161, 161, 156



122, 123, 120



61, 61, 59



125, 125, 0



252, 252, 0

Inverse Universe

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



120, 120, 123



156, 156, 161



122, 120, 123



59, 59, 61



0, 0, 125



0, 0, 252

Previews

White Background



This preview shows how the RGB color 123, 123, 120 looks on a white background.

Color Contrast Check

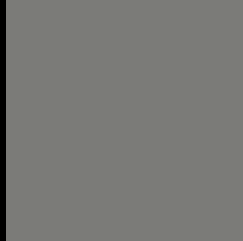
Large Text (above 18pt) WCAG AA ✓ Pass

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 123, 123, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

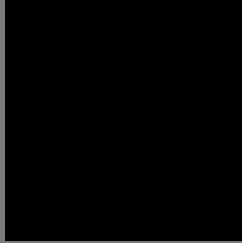
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

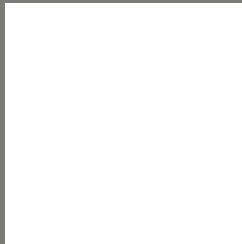
Any Text WCAG AAA × Fail

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

RGB 123, 123, 120 Background



This preview shows how black text looks on a background with the RGB color 123, 123, 120.



This preview shows how white text looks on a background with the RGB color 123, 123, 120.

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, 123, 120

Protanopia

126, 122, 120

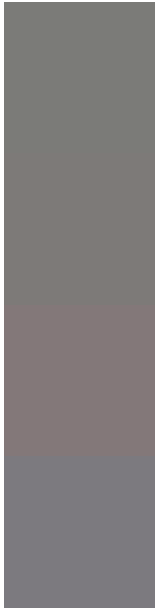
Deuteranopia

135, 119, 121



Tritanopia
125, 121, 131

Trichromacy



Original Color

123, 123, 120

Protanomaly

125, 122, 120

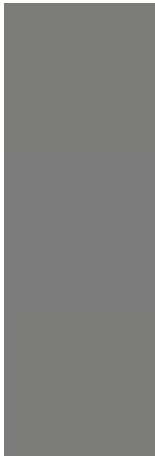
Deuteranomaly

131, 120, 121

Tritanomaly

124, 122, 127

Monochromacy



Original Color

123, 123, 120

Achromatopsia

123, 123, 123

Achromatomaly

123, 123, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 123, 120 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, 123, 120)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 120)  
}
```

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, 123, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 120) }
```

Border

The CSS property to change the border of an element to RGB 123, 123, 120 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, 123, 120) }
```

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

```
.border{ border-color:rgb(123, 123, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 123, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 123, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 123, 120); box-shadow:4px 4px 4px 4px rgb(123, 123, 120) }
```

Background

The CSS property to change the background color of an element to RGB 123, 123, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 120) }
```

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

```
.background{ background-color: rgb(123,  
123, 120) }
```

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