

Converting Colors

RGB(123, 113, 120)

Have a look what the booklet for
RGB(123, 113, 120) contains.

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Color

RGB(123, 113, 120)

Conversions

Conversions Part 1

Format	Color
Hex	7B7178
RGB	123, 113, 120
RGB Percent	48%, 44%, 47%
CMY	0.5176, 0.5569, 0.5294
CMYK	0.00, 0.08, 0.02, 0.52
HSL	318°, 4%, 46%
HSV	318°, 8%, 48%
XYZ	17.4637, 17.3773, 20.2030
YIQ	116.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

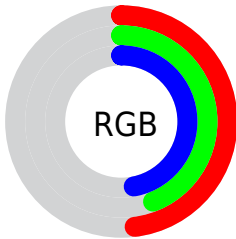
Format	Color
R_{YB}	123, 113, 120
Decimal	8089976
CIE Lab	48.73, 5.23, -2.47
CIE LCh	49, 5.786, 334.774
Yxy	17.3773, 0.3173, 0.3157
Android (android.graphics.Color)	4286280056 (0xFF7B7178)
YUV	116.7880, 1.5835, 5.4479
Hunter-Lab	41.6861, 1.8290, 0.4455

Details

The RGB color **123, 113, 120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113, 123, 116**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **175, 165, 172**, and **74, 65, 72** is the 20% darker color. If you saturate the color by 10%, you get **123, 101, 116**, and if you desaturate by 10%, it is **123, 125, 124**.

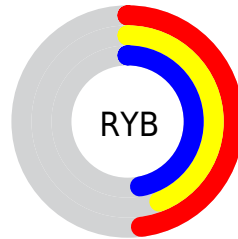
Distribution



Red (48%)

Green (44%)

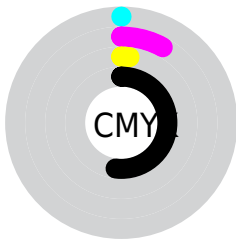
Blue (47%)



Red (48%)

Yellow (44%)

Blue (47%)

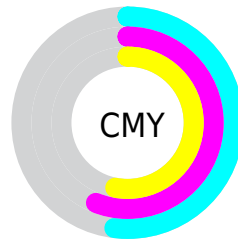


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 113, 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, 113, 120 by changing the saturation by 10% instead.

 123, 113, 120

255, 255, 255

 175, 165, 172

 203, 192, 200

 231, 220, 228


 255, 248, 255

 123, 113, 120

 98, 89, 95

 74, 65, 72

 52, 43, 49

 31, 23, 28

 0, 0, 1

 0, 0, 0

 123, 113, 120

 123, 101, 116

 123, 88, 113

 123, 113, 120

 123, 125, 124

 123, 138, 127

■ 123, 76, 109

■ 123, 150, 131

■ 123, 64, 105

■ 123, 162, 135

■ 123, 51, 102

■ 123, 174, 138

■ 123, 39, 98

■ 123, 187, 142

■ 123, 27, 94

■ 123, 199, 146

■ 123, 15, 90

■ 123, 211, 150

■ 123, 2, 87

■ 123, 224, 153

Harmonies

Analogous

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



118, 114, 124



123, 113, 120



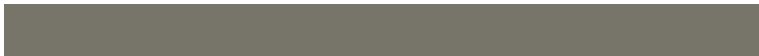
126, 112, 115

Triad

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



123, 113, 120



119, 116, 106



104, 118, 121

Complementary

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



123, 113, 120



113, 123, 116

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.



105, 119, 116



123, 113, 120



113, 117, 108

Square

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



123, 113, 120



124, 114, 107



108, 118, 111



107, 117, 124

Rectangle

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



123, 113, 120



127, 113, 112



108, 118, 111



104, 119, 120

Sweetspot

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



123, 113, 120



161, 157, 160



116, 113, 123



82, 80, 81



209, 209, 209



82, 82, 82

Same Dimension

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



123, 113, 120



161, 145, 156



123, 113, 115



61, 55, 59



125, 0, 87



252, 0, 177

Inverse Universe

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



123, 113, 120



161, 145, 156



113, 123, 121



61, 55, 59



125, 0, 87



252, 0, 177

Previews

White Background



This preview shows how the RGB color 123, 113, 120 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, 113, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

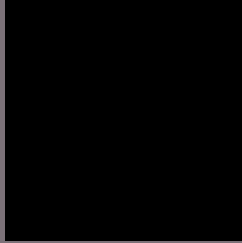
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 123, 113, 120 Background



This preview shows how black text looks on a background with the RGB color 123, 113, 120.



This preview shows how white text looks on a background with the RGB color 123, 113, 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](#).

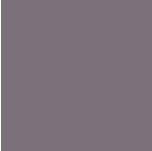
Dichromacy



Original Color
123, 113, 120

Protanopia
116, 115, 121

Deuteranopia
125, 112, 120



Tritanopia
123, 113, 122

Trichromacy



Original Color

123, 113, 120

Protanomaly

119, 114, 121

Deuteranomaly

124, 112, 120

Tritanomaly

123, 113, 121

Monochromacy



Original Color

123, 113, 120

Achromatopsia

117, 117, 117

Achromatomaly

119, 116, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 113, 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, 113, 120)` looks like.

```
.text, #text, p{  
    color:rgb(123, 113, 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, 113, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 113, 120) }
```

Border

The CSS property to change the border of an element to RGB 123, 113, 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, 113, 120) }
```

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

```
.border{ border-color:rgb(123, 113, 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, 113, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 113, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 113, 120);  
box-shadow:4px 4px 4px 4px rgb(123, 113,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 123, 113, 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, 113, 120) }
```

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

```
.background{ background-color: rgb(123,  
113, 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](#).

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