

Converting Colors

RGB(120, 122, 122)

Have a look what the booklet for
RGB(120, 122, 122) contains.

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Color

RGB(120, 122, 122)

Conversions

Conversions Part 1

Format	Color
Hex	787A7A
RGB	120, 122, 122
RGB Percent	47%, 48%, 48%
CMY	0.5294, 0.5216, 0.5216
CMYK	0.02, 0.00, 0.00, 0.52
HSL	180°, 1%, 47%
HSV	180°, 2%, 48%
XYZ	18.2181, 19.3173, 21.1808
YIQ	121.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

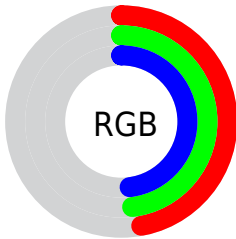
Format	Color
R_{YB}	120, 121, 122
Decimal	7895674
CIE Lab	51.06, -0.75, -0.27
CIE LCh	51, 0.796, 199.800
Yxy	19.3173, 0.3103, 0.3290
Android (android.graphics.Color)	4286085754 (0xFF787A7A)
YUV	121.4020, 0.2948, -1.2296
Hunter-Lab	43.9514, -2.9257, 2.1934

Details

The RGB color **120, 122, 122** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122, 120, 120**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **172, 174, 174**, and **72, 73, 73** is the 20% darker color. If you saturate the color by 10%, you get **108, 122, 122**, and if you desaturate by 10%, it is **132, 122, 122**.

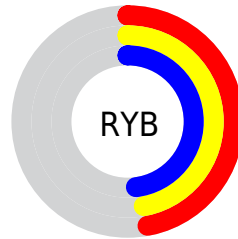
Distribution



Red (47%)

Green (48%)

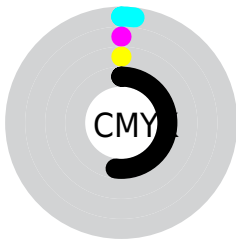
Blue (48%)



Red (47%)

Yellow (47%)

Blue (48%)

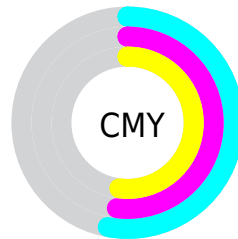


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 122, 122 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 120, 122, 122 by changing the saturation by 10% instead.

■ 120, 122, 122

255, 255, 255

■ 172, 174, 174

■ 200, 202, 202

■ 228, 230, 230

■ 120, 122, 122

■ 95, 97, 97

■ 72, 73, 73

■ 49, 51, 51

■ 28, 30, 30

■ 2, 4, 4

■ 0, 0, 0

■ 120, 122, 122

■ 108, 122, 122

■ 96, 122, 122

■ 120, 122, 122

■ 132, 122, 122

■ 144, 122, 122

83, 122, 122

157, 122, 122

71, 122, 122

169, 122, 122

59, 122, 122

181, 122, 122

47, 122, 122

193, 122, 122

35, 122, 122

205, 122, 122

22, 122, 122

218, 122, 122

10, 122, 122

230, 122, 122

Harmonies

Analogous

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



120, 122, 121



120, 122, 122



120, 122, 123

Triad

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



120, 122, 122



122, 121, 122



122, 121, 120

Complementary

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



120, 122, 122



122, 120, 120

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.



123, 121, 121



120, 122, 122



123, 121, 122

Square

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



120, 122, 122



121, 121, 123



123, 121, 121



122, 122, 120

Rectangle

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



120, 122, 122



120, 122, 123



123, 121, 121



123, 121, 120

Sweetspot

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



120, 122, 122



158, 158, 158



120, 122, 120



79, 79, 79



207, 207, 207

Same Dimension

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



120, 122, 122



155, 158, 158



120, 121, 122



60, 61, 61



0, 125, 125



0, 252, 252

Inverse Universe

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



122, 120, 122



158, 155, 158



122, 121, 120



61, 60, 61



125, 0, 125



252, 0, 252

Previews

White Background



This preview shows how the RGB color 120, 122, 122 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 120, 122, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

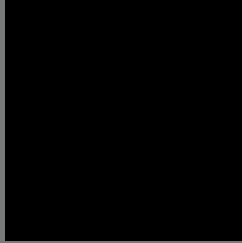
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

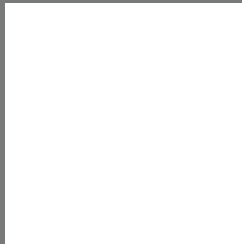
Any Text WCAG AAA × Fail

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

RGB 120, 122, 122 Background



This preview shows how black text looks on a background with the RGB color 120, 122, 122.



This preview shows how white text looks on a background with the RGB color 120, 122, 122.

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

[120, 122, 122](#)

Protanopia

[124, 121, 121](#)

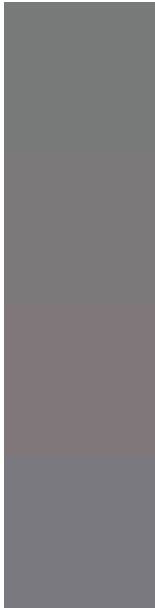
Deuteranopia

[133, 118, 123](#)



Tritanopia
121, 121, 130

Trichromacy



Original Color

120, 122, 122

Protanomaly

123, 121, 121

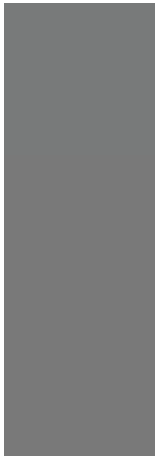
Deuteranomaly

128, 119, 123

Tritanomaly

121, 121, 127

Monochromacy



Original Color

120, 122, 122

Achromatopsia

121, 121, 121

Achromatomaly

121, 121, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 122, 122 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(120, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(120, 122, 122)  
}
```

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(120, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 122, 122) }
```

Border

The CSS property to change the border of an element to RGB 120, 122, 122 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(120, 122, 122) }
```

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

```
.border{ border-color:rgb(120, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(120, 122,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 120, 122, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 122, 122) }
```

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

```
.background{ background-color: rgb(120,  
122, 122) }
```

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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