

Converting Colors

RGB(109, 107, 106)

Have a look what the booklet for
RGB(109, 107, 106) contains.

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Color

RGB(109, 107, 106)

Conversions

Conversions Part 1

Format	Color
Hex	6D6B6A
RGB	109, 107, 106
RGB Percent	43%, 42%, 42%
CMY	0.5725, 0.5804, 0.5843
CMYK	0.00, 0.02, 0.03, 0.57
HSL	20°, 1%, 42%
HSV	20°, 3%, 43%
XYZ	14.1659, 14.8072, 15.7471
YIQ	107.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

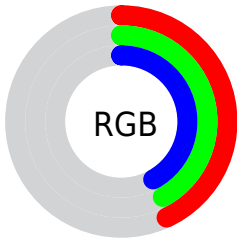
Format	Color
RYB	109, 108, 106
Decimal	7170922
CIELab	45.37, 0.58, 0.83
CIELCh	45, 1.008, 55.182
Yxy	14.8072, 0.3168, 0.3311
Android (android.graphics.Color)	4285361002 (0xFF6D6B6A)
YUV	107.4840, -0.7316, 1.3295
Hunter-Lab	38.4801, -1.6281, 2.6730

Details

The RGB color **109, 107, 106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106, 108, 109**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **160, 158, 157**, and **62, 60, 59** is the 20% darker color. If you saturate the color by 10%, you get **109, 100, 95**, and if you desaturate by 10%, it is **109, 114, 117**.

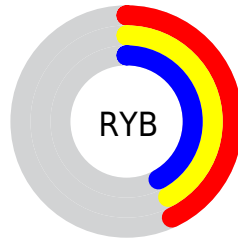
Distribution



Red (43%)

Green (42%)

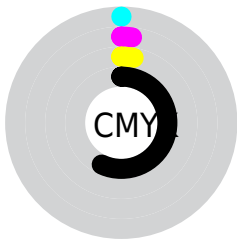
Blue (42%)



Red (43%)

Yellow (42%)

Blue (42%)

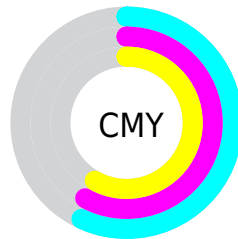


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 107, 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 109, 107, 106 by changing the saturation by 10% instead.

■ 109, 107, 106

255, 255, 255

■ 160, 158, 157

■ 187, 185, 184

■ 215, 213, 212

■ 244, 241, 240

■ 109, 107, 106

■ 85, 83, 82

■ 62, 60, 59

■ 40, 38, 37

■ 19, 17, 16

■ 0, 0, 0

■ 109, 107, 106

■ 109, 100, 95

■ 109, 92, 84

■ 109, 85, 73

■ 109, 107, 106

■ 109, 114, 117

■ 109, 122, 128

■ 109, 129, 139

■ 109, 78, 62

■ 109, 136, 150

■ 109, 71, 52

■ 109, 143, 161

■ 109, 63, 41

■ 109, 151, 171

■ 109, 56, 30

■ 109, 158, 182

■ 109, 49, 19

■ 109, 165, 193

■ 109, 42, 8

■ 109, 172, 204

Harmonies

Analogous

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



109, 107, 107



109, 107, 106



108, 107, 106

Triad

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



109, 107, 106



106, 108, 107



107, 107, 109

Complementary

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



109, 107, 106



106, 108, 109

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.



106, 107, 109



109, 107, 106



105, 108, 108

Square

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



109, 107, 106



106, 108, 106



106, 108, 109



108, 107, 108

Rectangle

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



109, 107, 106



108, 107, 106



106, 108, 109



107, 107, 109

Sweetspot

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



109, 107, 106



143, 142, 141



109, 106, 108



71, 71, 71



199, 199, 199



71, 71, 71

Same Dimension

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



109, 107, 106



143, 140, 139



109, 109, 106



54, 52, 51



117, 39, 0



245, 82, 0

Inverse Universe

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



106, 108, 109



139, 141, 143



106, 107, 109



51, 53, 54



0, 78, 117



0, 163, 245

Previews

White Background



This preview shows how the RGB color 109, 107, 106 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 109, 107, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

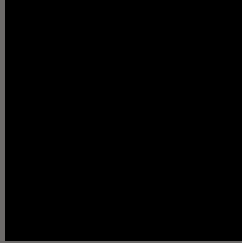
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

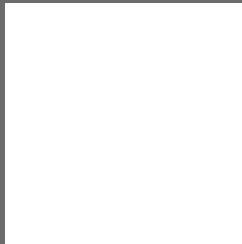
Any Text WCAG AAA × Fail

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

RGB 109, 107, 106 Background



This preview shows how black text looks on a background with the RGB color 109, 107, 106.



This preview shows how white text looks on a background with the RGB color 109, 107, 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
[109](#), [107](#), [106](#)

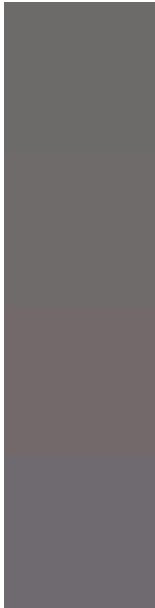
Protanopia
[110](#), [107](#), [106](#)

Deuteranopia
[118](#), [104](#), [107](#)



Tritanopia
110, 106, 114

Trichromacy



Original Color

109, 107, 106

Protanomaly

110, 107, 106

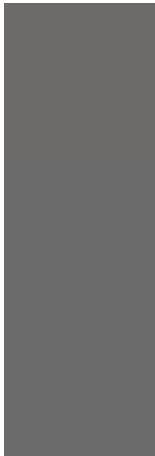
Deuteranomaly

115, 105, 107

Tritanomaly

110, 106, 111

Monochromacy



Original Color

109, 107, 106

Achromatopsia

107, 107, 107

Achromatomaly

108, 107, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 107, 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(109, 107, 106) looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 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(109, 107, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 106) }
```

Border

The CSS property to change the border of an element to RGB 109, 107, 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(109, 107, 106) }
```

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

```
.border{ border-color:rgb(109, 107, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 107, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 107, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 107, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 107,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 109, 107, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 107, 106) }
```

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

```
.background{ background-color: rgb(109,  
107, 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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