

Converting Colors

RGB(117, 107, 105)

Have a look what the booklet for
RGB(117, 107, 105) contains.

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Color

RGB(117, 107, 105)

Conversions

Conversions Part 1	
Format	Color
Hex	756B69
RGB	117, 107, 105
RGB Percent	46%, 42%, 41%
CMY	0.5412, 0.5804, 0.5882
CMYK	0.00, 0.09, 0.10, 0.54
HSL	10°, 5%, 44%
HSV	10°, 10%, 46%
XYZ	15.1436, 15.3172, 15.5230
YIQ	109.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

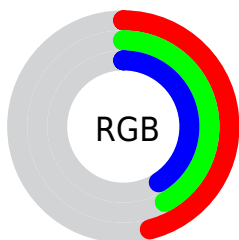
Format	Color
RYB	117, 107, 105
Decimal	7695209
CIELab	46.07, 3.54, 2.53
CIELCh	46, 4.348, 35.571
Yxy	15.3172, 0.3293, 0.3331
Android (android.graphics.Color)	4285885289 (0xFF756B69)
YUV	109.7620, -2.3477, 6.3477
Hunter-Lab	39.1372, 0.5780, 3.8799

Details

The RGB color **117, 107, 105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105, 115, 117**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **169, 158, 156**, and **69, 60, 58** is the 20% darker color. If you saturate the color by 10%, you get **117, 97, 93**, and if you desaturate by 10%, it is **117, 117, 117**.

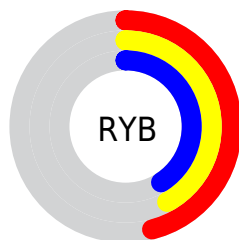
Distribution



Red (46%)

Green (42%)

Blue (41%)



Red (46%)

Yellow (42%)

Blue (41%)

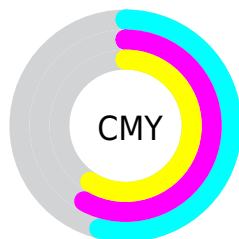


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 107, 105 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 117, 107, 105 by changing the saturation by 10% instead.

 117, 107, 105

255, 255, 255

 169, 158, 156

 196, 185, 183


 224, 213, 211


 253, 241, 239

 117, 107, 105

 92, 83, 81

 69, 60, 58

 46, 38, 36

 26, 17, 15


 0, 0, 0

 117, 107, 105

 117, 97, 93

 117, 88, 82

 117, 78, 70

 117, 107, 105

 117, 117, 117

 117, 126, 128


 117, 136, 140

 117, 68, 58

 117, 146, 152

 117, 58, 47

 117, 156, 163

 117, 49, 35

 117, 165, 175

 117, 39, 23

 117, 175, 187

 117, 29, 11

 117, 185, 199

 117, 20, 0

 117, 195, 210

Harmonies

Analogous

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



117, 107, 109



117, 107, 105



115, 108, 103

Triad

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



117, 107, 105



103, 111, 106



106, 109, 116

Complementary

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



117, 107, 105



105, 115, 117

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.



102, 110, 116



117, 107, 105



101, 111, 110

Square

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



117, 107, 105



107, 110, 103



100, 111, 113



111, 108, 115

Rectangle

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



117, 107, 105



113, 109, 102



100, 111, 113



105, 110, 116

Sweetspot

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



117, 107, 105



153, 149, 148



117, 105, 115



77, 74, 73



204, 204, 204



77, 77, 77

Same Dimension

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



117, 107, 105



153, 138, 135



117, 113, 105



59, 54, 53



122, 20, 0



250, 42, 0

Inverse Universe

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



105, 115, 117



135, 150, 153



105, 109, 117



53, 58, 59



0, 102, 122



0, 208, 250

Previews

White Background



This preview shows how the RGB color 117, 107, 105 looks on a white background.

Color Contrast Check

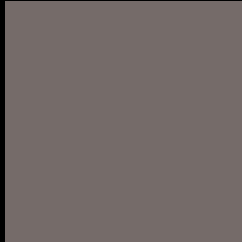
Large Text (above 18pt) WCAG AA ✓ Pass

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 117, 107, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

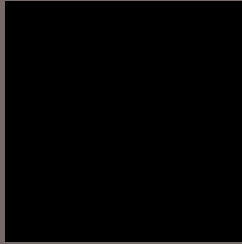
Any Text WCAG AA × Fail

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 117, 107, 105 Background



This preview shows how black text looks on a background with the RGB color 117, 107, 105.



This preview shows how white text looks on a background with the RGB color 117, 107, 105.

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

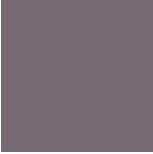
117, 107, 105

Protanopia

112, 109, 106

Deuteranopia

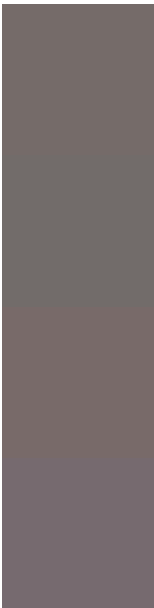
121, 105, 105



Tritanopia

118, 106, 114

Trichromacy



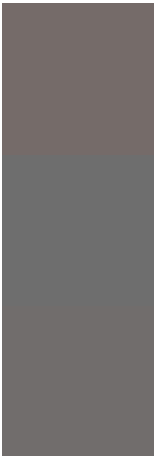
Original Color
117, 107, 105

Protanomaly
114, 108, 106

Deuteranomaly
120, 106, 105

Tritanomaly
118, 106, 111

Monochromacy



Original Color
117, 107, 105

Achromatopsia
110, 110, 110

Achromatomaly
113, 109, 108

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 107, 105 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(117, 107, 105) looks like.

```
.text, #text, p{  
    color:rgb(117, 107, 105)  
}
```

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(117, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 107, 105) }
```

Border

The CSS property to change the border of an element to RGB 117, 107, 105 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(117, 107, 105) }
```

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

```
.border{ border-color:rgb(117, 107, 105) }
```

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

Here you see how a box with a 4 pixel rgb(117, 107, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 107, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 107, 105);  
box-shadow:4px 4px 4px 4px rgb(117, 107,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 117, 107, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 107, 105) }
```

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

```
.background{ background-color: rgb(117,  
107, 105) }
```

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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