

Converting Colors

RGB(131, 109, 117)

Have a look what the booklet for
RGB(131, 109, 117) contains.

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Color

RGB(131, 109, 117)

Conversions

Conversions Part 1

Format	Color
Hex	836D75
RGB	131, 109, 117
RGB Percent	51%, 43%, 46%
CMY	0.4863, 0.5725, 0.5412
CMYK	0.00, 0.17, 0.11, 0.49
HSL	338°, 9%, 47%
HSV	338°, 17%, 51%
XYZ	18.0396, 17.0469, 19.1692
YIQ	116.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

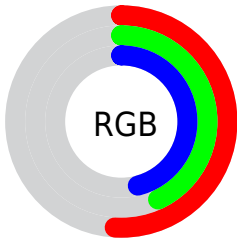
Format	Color
R_{YB}	131, 109, 117
Decimal	8613237
CIE Lab	48.32, 10.10, -1.20
CIE LCh	48, 10.175, 353.239
Yxy	17.0469, 0.3325, 0.3142
Android (android.graphics.Color)	4286803317 (0xFF836D75)
YUV	116.4900, 0.2514, 12.7253
Hunter-Lab	41.2879, 5.7367, 1.3743

Details

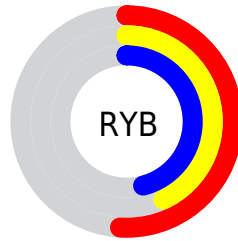
The RGB color **131, 109, 117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109, 131, 123**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **184, 161, 169**, and **81, 61, 69** is the 20% darker color. If you saturate the color by 10%, you get **131, 96, 109**, and if you desaturate by 10%, it is **131, 122, 125**.

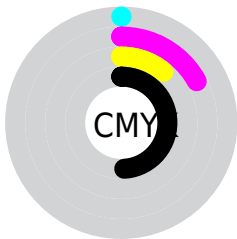
Distribution



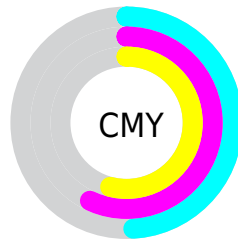
- Red (51%)
- Green (43%)
- Blue (46%)



- Red (51%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (49%)




- Cyan (49%)
- Magenta (57%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the RGB color 131, 109, 117 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 131, 109, 117 by changing the saturation by 10% instead.

 131, 109, 117


255, 255, 255


 184, 161, 169


 212, 188, 196


 240, 215, 224

 255, 244, 253


 131, 109, 117

 131, 96, 109

 131, 83, 100

 131, 109, 117

 106, 85, 92


 81, 61, 69


 58, 39, 47


 36, 19, 26

 7, 0, 0

 0, 0, 0

 131, 109, 117

 131, 122, 125

 131, 135, 134

■ 131, 70, 92

■ 131, 148, 142

■ 131, 57, 84

■ 131, 161, 150

■ 131, 43, 75

■ 131, 174, 159

■ 131, 30, 67

■ 131, 188, 167

■ 131, 17, 59

■ 131, 201, 175

■ 131, 4, 50

■ 131, 214, 184

■ 131, 0, 48

■ 131, 227, 192

Harmonies

Analogous

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



124, 111, 125



131, 109, 117



133, 109, 108

Triad

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



131, 109, 117



114, 116, 99



95, 118, 128

Complementary

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



131, 109, 117



109, 131, 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.



93, 120, 121



131, 109, 117



105, 118, 104

Square

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



131, 109, 117



124, 113, 98



96, 120, 112



103, 116, 132

Rectangle

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



131, 109, 117



132, 110, 103



96, 120, 112



94, 119, 126

Sweetspot

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



131, 109, 117



171, 162, 165



123, 109, 131



87, 81, 83



214, 214, 214



87, 87, 87

Same Dimension

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



131, 109, 117



171, 137, 149



131, 112, 109



66, 60, 62



130, 0, 47



3, 0, 1

Inverse Universe

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



131, 109, 117



171, 137, 149



109, 128, 131



66, 60, 62



130, 0, 47



3, 0, 1

Previews

White Background



This preview shows how the RGB color 131, 109, 117 looks on a white background.

Color Contrast Check

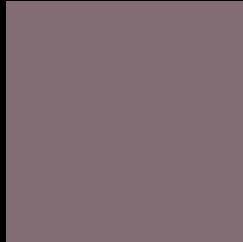
Large Text (above 18pt) WCAG AA ✓ Pass

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 131, 109, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

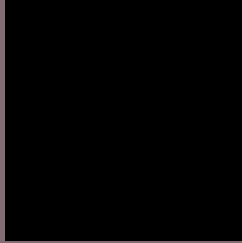
Any Text WCAG AA × Fail

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 131, 109, 117 Background



This preview shows how black text looks on a background with the RGB color 131, 109, 117.



This preview shows how white text looks on a background with the RGB color 131, 109, 117.

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

131, 109, 117

Protanopia

115, 114, 120

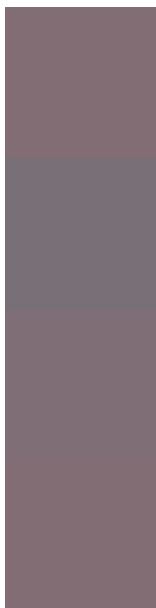
Deuteranopia

125, 111, 117



Tritanopia
131, 109, 117

Trichromacy



Original Color

131, 109, 117

Protanomaly

121, 112, 119

Deuteranomaly

127, 110, 117

Tritanomaly

131, 109, 117

Monochromacy



Original Color

131, 109, 117

Achromatopsia

116, 116, 116

Achromatomaly

121, 113, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 109, 117 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(131, 109, 117) looks like.

```
.text, #text, p{  
    color:rgb(131, 109, 117)  
}
```

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(131, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 109, 117) }
```

Border

The CSS property to change the border of an element to RGB 131, 109, 117 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(131, 109, 117) }
```

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

```
.border{ border-color:rgb(131, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(131, 109,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 131, 109, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 109, 117) }
```

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

```
.background{ background-color: rgb(131,  
109, 117) }
```

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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