Converting Colors

RGB(128, 120, 107)

Have a look what the booklet for RGB(128, 120, 107) contains.

Color

RGB(128, 120, 107)

Conversions

Format	Color
Hex	80786B
RGB	128, 120, 107
RGB Percent	50%, 47%, 42%
CMY	0.4980, 0.5294, 0.5804
CMYK	0.00, 0.06, 0.16, 0.50
HSL	37°, 9%, 46%
HSV	37°, 16%, 50%
XYZ	18.2724, 19.0837, 16.6304
YIQ	120.9100, 8.9410, -2.3470

Conversions Part 1

Conversions

Conversions Part 2

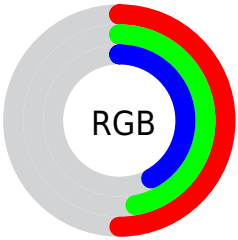
Format	Color
RYB	120, 128, 107
Decimal	8419435
CIELab	50.78, 0.71, 8.24
CIELCh	51, 8.269, 85.096
Yxy	19.0837, 0.3385, 0.3535
Android (android.graphics.Color)	4286609515 (0xFF80786B)
YUV	120.9100, -6.8576, 6.2179
Hunter-Lab	43.6849, -1.7860, 8.0083

Details

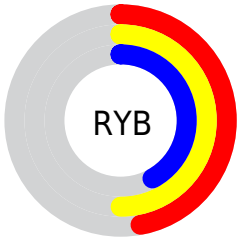
The RGB color 128, 120, 107 is a dark color, and the websafe version is hex 666666. A complement of this color would be 107, 115, 128, and the grayscale version is 121, 121, 121.

A 20% lighter version of the original color is 181, 172, 158, and 79, 72, 60 is the 20% darker color. If you saturate the color by 10%, you get 128, 115, 94, and if you desaturate by 10%, it is 128, 125, 120.

Distribution

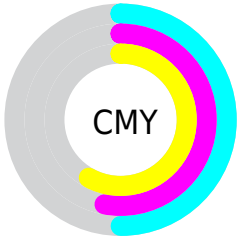


- Red (50%)
- Green (47%)
- Blue (42%)



- Red (47%)
- Yellow (50%)
- Blue (42%)

- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 120, 107 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 128, 120, 107 by changing the saturation by 10% instead.

128, 120, 107	128, 120, 107
255, 255, 255	103, 95, 83
181, 172, 158	79, 72, 60
209, 200, 185	56, 49, 38
237, 228, 213	34, 28, 17
255, 255, 241	6, 2, 0
	0, 0, 0

128, 120, 107	128, 120, 107
128, 115, 94	128, 125, 120
128, 110, 81	128, 130, 133

128, 105, 69	128, 135, 145
128, 100, 56	128, 140, 158
128, 96, 43	128, 144, 171
128, 91, 30	128, 149, 184
128, 86, 17	128, 154, 197
128, 81, 5	128, 159, 209
128, 79, 0	128, 164, 222

Harmonies

Analogous

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

134, 118, 110

128, 120, 107

120, 122, 108

Triad

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

128, 120, 107

103, 125, 127

129, 117, 129

Complementary

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

128, 120, 107

107, 115, 128

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.

121, 120, 134

128, 120, 107

106, 124, 132

Square

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

128, 120, 107

106, 125, 119

112, 122, 135

135, 116, 122

Rectangle

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

128, 120, 107

115, 124, 111

112, 122, 135

127, 118, 131

Sweetspot

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

128, 120, 107

166, 163, 157

128, 107, 115

84, 82, 79

212, 212, 212

84, 84, 84

Same Dimension

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

128, 120, 107

166, 153, 133

126, 128, 107

64, 61, 57

128, 79, 0

0, 0, 0

Inverse Universe

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

107, 115, 128

133, 145, 166

109, 107, 128

57, 60, 64

0, 49, 128

0, 0, 0

Previews

White Background

This preview shows how the RGB color 128, 120, 107 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

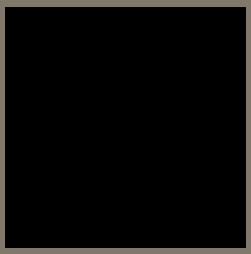
This preview shows how the RGB color 128, 120, 107 looks on a black background.

Color Contrast Check

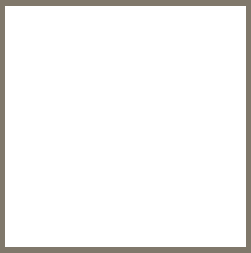
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 128, 120, 107 Background



This preview shows how black text looks on a background with the RGB color 128, 120, 107.



This preview shows how white text looks on a background with the RGB color 128, 120, 107.

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
128, 120, 107

Protanopia
126, 121, 107

Deuteranopia
137, 117, 108

Tritanopia
131, 117, 126

Trichromacy

Original Color
128, 120, 107

Protanomaly
127, 121, 107

Deuteranomaly
134, 118, 108

Tritanomaly
130, 118, 119

Monochromacy

Original Color
128, 120, 107

Achromatopsia
121, 121, 121

Achromatomaly
124, 121, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 120, 107 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(128, 120, 107) looks like.

```
.text, #text, p{
    color:rgb(128, 120, 107)
}
```

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(128, 120, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 120, 107) }
```

Border

The CSS property to change the border of an element to RGB 128, 120, 107 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(128, 120, 107) }
```

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

```
.border{ border-color:rgb(128, 120, 107) }
```

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

Here you see how a box with a 4 pixel rgb(128, 120, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 120, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 120, 107); box-shadow:4px 4px 4px 4px rgb(128, 120, 107) }
```

Background

The CSS property to change the background color of an element to RGB 128, 120, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 120, 107) }
```

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

```
.background{ background-color:rgb(128,
120, 107) }
```

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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