

Converting Colors

YIQ(121.1980, 8.0700, -3.0820)

Have a look what the booklet for
YIQ(121.1980, 8.0700, -3.0820)
contains.

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Color

**YIQ(121.1980, 8.0700,
-3.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	7F796B
RGB	127, 121, 107
RGB Percent	50%, 47%, 42%
CMY	0.5020, 0.5255, 0.5803
CMYK	0.00, 0.05, 0.16, 0.50
HSL	42°, 9%, 46%
HSV	42°, 16%, 50%
XYZ	18.2441, 19.2480, 16.6666
YIQ	121.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

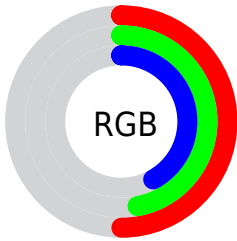
Format	Color
R_{YB}	116, 127, 107
Decimal	8354155
CIE Lab	50.98, -0.27, 8.49
CIE LCh	51, 8.495, 91.797
Yxy	19.2480, 0.3369, 0.3554
Android (android.graphics.Color)	4286544235 (0xFF7F796B)
YUV	121.1980, -6.9996, 5.0884
Hunter-Lab	43.8726, -2.5491, 8.1873

Details

The YIQ color **121.1980, 8.0700, -3.0820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.8020, -8.0700, 3.0820**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3830, 8.9870, -3.1810**, and **73.0130, 7.1530, -2.9830** is the 20% darker color. If you saturate the color by 10%, you get **117.3680, 13.3430, -5.0330**, and if you desaturate by 10%, it is **125.0280, 2.7970, -1.1310**.

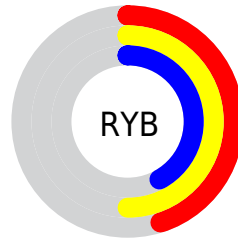
Distribution



Red (50%)

Green (47%)

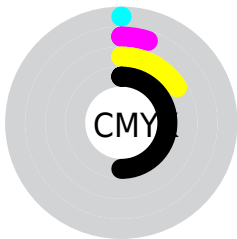
Blue (42%)



Red (45%)

Yellow (50%)

Blue (42%)

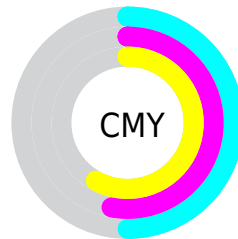


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1980, 8.0700, -3.0820 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 YIQ color 121.1980, 8.0700, -3.0820 by changing the saturation by 10% instead.

■ 121.1980, 8.0700,
-3.0820

■ 121.1980, 8.0700,
-3.0820

■ 255.0000, -0.0000,
-0.0000

■ 96.3120, 7.7490,
-2.7710

■ 173.3830, 8.9870,
-3.1810

■ 73.0130, 7.1530,
-2.9830

■ 200.9700, 8.7120,
-3.7040

■ 50.1270, 6.8320,
-2.6720

■ 229.2690, 9.3080,
-3.4920

■ 28.8280, 6.2360,
-2.8840

■ 253.4040, 4.4940,
-4.3540

■ 3.8430, 1.8800,
-1.0320

■ 0.0000, 0.0000,
0.0000

■ 121.1980, 8.0700,
-3.0820

■ 121.1980, 8.0700,
-3.0820

■ 117.3680, 13.3430,
-5.0330

■ 125.0280, 2.7970,
-1.1310

■ 113.6520, 18.2950,
-6.6730

■ 128.7440, -2.1550,
0.5090

■ 110.4090, 23.2930,
-9.1470

■ 131.9870, -7.1530,
2.9830

■ 106.5790, 28.5660,
-11.0980

■ 135.8170,
-12.4260, 4.9340

■ 102.8630, 33.5180,
-12.7380

■ 139.6470,
-17.6990, 6.8850

■ 99.0330, 38.7910,
-14.6890

■ 143.3630,
-22.6510, 8.5250

■ 95.2030, 44.0640,
-16.6400

■ 147.1930,
-27.9240, 10.4760

■ 91.3730, 49.3370,

■ 151.0230,

-18.5910

-33.1970, 12.4270

■ 90.2160, 51.2170,
-19.6230

■ 154.1520,
-37.8740, 14.5900

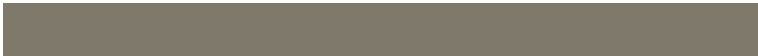
Harmonies

Analogous

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



122.3450, 12.1500, 0.0700



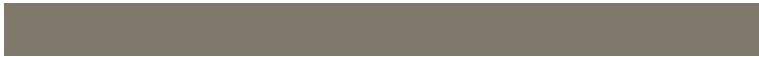
121.1980, 8.0700, -3.0820



120.2080, 2.1100, -5.2020

Triad

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



121.1980, 8.0700, -3.0820



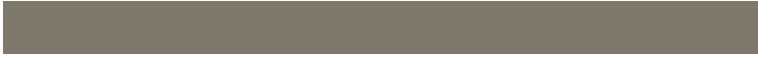
118.8780, -14.3960, -3.4200



122.4400, 4.8130, 6.3890

Complementary

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



121.1980, 8.0700, -3.0820



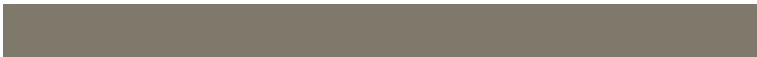
112.8020, -8.0700, 3.0820

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.



121.9060, -2.4310, 5.5130



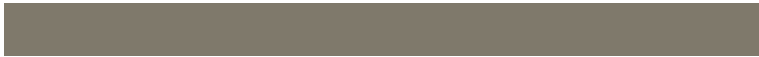
121.1980, 8.0700, -3.0820



120.0570, -13.3420, -0.4940

Square

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



121.1980, 8.0700, -3.0820



119.2650, -11.2320, -5.6960



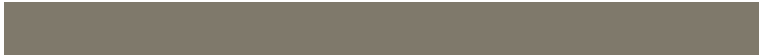
121.2040, -9.2620, 2.6580



123.1370, 10.0400, 5.2720

Rectangle

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



121.1980, 8.0700, -3.0820



119.9300, -2.9790, -6.5870



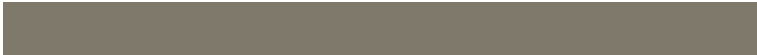
121.2040, -9.2620, 2.6580



122.6570, 2.7040, 6.0640

Sweetspot

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



121.1980, 8.0700, -3.0820



163.2130, 3.7140, -1.2300



113.6640, 9.9940, 6.1060



82.8430, 1.8800, -1.0320



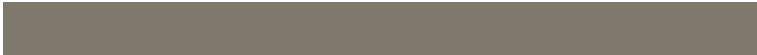
212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



121.1980, 8.0700, -3.0820



156.4820, 13.0220, -4.7220



123.5240, 4.0360, -7.0680



62.0280, 2.7970, -1.1310



90.5150, 51.8130, -19.4110



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.8020, -8.0700, 3.0820



143.5180, -13.0220, 4.7220



110.4760, -4.0360, 7.0680



58.9720, -2.7970, 1.1310



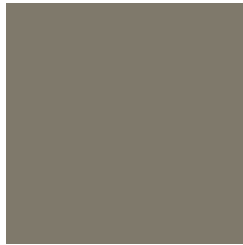
36.8980, -51.5380, 19.9340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 121.1980, 8.0700, -3.0820 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 YIQ color 121.1980, 8.0700, -3.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

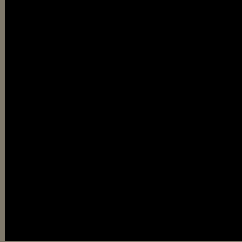
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

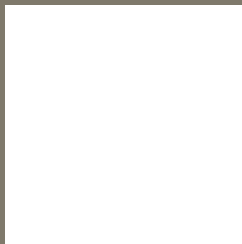
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.1980, 8.0700, -3.0820

Background



This preview shows how black text looks on a background with the YIQ color 121.1980, 8.0700, -3.0820.



This preview shows how white text looks on a background with the YIQ color 121.1980, 8.0700,

-3.0820.

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

121.1980, 8.0700, -3.0820

Protanopia

121.1980, 8.0700, -3.0820

Deuteranopia

122.2530, 15.4050, 1.6530



Tritanopia

122.6140, 4.2630, 5.3430

Trichromacy



Original Color

121.1980, 8.0700, -3.0820

Protanomaly

121.1980, 8.0700, -3.0820

Deuteranomaly

121.6440, 12.7460, 0.2820

Tritanomaly

122.1040, 5.6390, 2.4310

Monochromacy



Original Color

121.1980, 8.0700, -3.0820

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0280, 2.7970, -1.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1980, 8.0700, -3.0820 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(127, 121, 107)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 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(127, 121, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 107) }
```

Border

The CSS property to change the border of an element to YIQ 121.1980, 8.0700, -3.0820 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(127, 121, 107) }
```


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

```
.border{ border-color:rgb(127, 121, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 107);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1980, 8.0700, -3.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 107) }
```

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

```
.background{ background-color: rgb(127,  
121, 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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