

Converting Colors

YIQ(118.8060, 3.3020, -4.7780)

Have a look what the booklet for
YIQ(118.8060, 3.3020, -4.7780)
contains.

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Color

**YIQ(118.8060, 3.3020,
-4.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	77796B
RGB	119, 121, 107
RGB Percent	47%, 47%, 42%
CMY	0.5333, 0.5255, 0.5804
CMYK	0.02, 0.00, 0.12, 0.53
HSL	69°, 6%, 45%
HSV	69°, 12%, 47%
XYZ	17.0989, 18.6583, 16.6118
YIQ	118.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

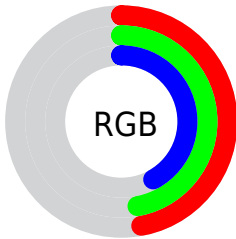
Format	Color
R_{YB}	107, 121, 109
Decimal	7829867
CIE _{Lab}	50.29, -3.45, 7.42
CIE _{LCh}	50, 8.181, 114.967
Yxy	18.6583, 0.3265, 0.3563
Android (android.graphics.Color)	4286019947 (0xFF77796B)
YUV	118.8060, -5.8204, 0.1701
Hunter-Lab	43.1953, -4.9322, 7.4352

Details

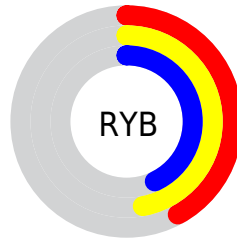
The YIQ color **118.8060, 3.3020, -4.7780** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.1940, -3.3020, 4.7780**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6920, 3.6230, -5.0890**, and **70.9200, 2.9810, -4.4670** is the 20% darker color. If you saturate the color by 10%, you get **116.8400, 5.9620, -8.9340**, and if you desaturate by 10%, it is **120.7720, 0.6420, -0.6220**.

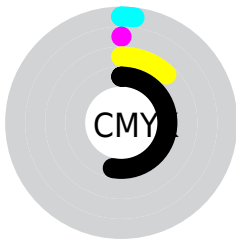
Distribution



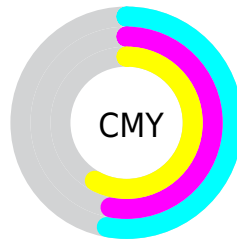
- Red (47%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (43%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.8060, 3.3020, -4.7780 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 118.8060, 3.3020, -4.7780 by changing the saturation by 10% instead.

■ 118.8060, 3.3020,
-4.7780

■ 118.8060, 3.3020,
-4.7780

■ 255.0000, -0.0000,
-0.0000

■ 93.9200, 2.9810,
-4.4670

■ 170.6920, 3.6230,
-5.0890

■ 70.9200, 2.9810,
-4.4670

■ 198.5780, 3.9440,
-5.4000

■ 48.0340, 2.6600,
-4.1560

■ 226.5780, 3.9440,
-5.4000

■ 27.0340, 2.6600,
-4.1560

■ 253.4040, 4.4940,
-4.3540

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 118.8060, 3.3020,
-4.7780

■ 118.8060, 3.3020,
-4.7780

■ 116.8400, 5.9620,
-8.9340

■ 120.7720, 0.6420,
-0.6220

■ 115.1730, 9.2180,
-12.8780

■ 122.4390, -2.6140,
3.3220

■ 113.2070, 11.8780,
-17.0340

■ 124.4050, -5.2740,
7.4780

■ 111.2410, 14.5380,
-21.1900

■ 126.3710, -7.9340,
11.6340

■ 109.2750, 17.1980,
-25.3460

■ 128.4510,
-10.9150, 16.1010

■ 107.4940, 20.7750,
-29.6010

■ 130.1180,
-14.1710, 20.0450

■ 105.5280, 23.4350,
-33.7570

■ 132.0840,
-16.8310, 24.2010

■ 103.5620, 26.0950,

■ 134.0500,

-37.9130

-19.4910, 28.3570

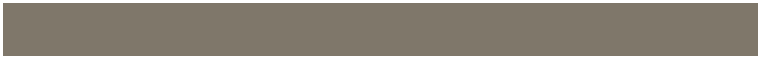
■ 102.1230, 28.7090,
-41.2350

■ 136.0160,
-22.1510, 32.5130

Harmonies

Analogous

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



119.9100, 8.9410, -2.3470



118.8060, 3.3020, -4.7780



118.0440, -3.3000, -6.2760

Triad

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



118.8060, 3.3020, -4.7780



118.2310, -13.8920, -1.5400



121.0660, 8.8020, 5.6820

Complementary

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



118.8060, 3.3020, -4.7780



109.1940, -3.3020, 4.7780

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.



120.9560, 3.3000, 6.2760



118.8060, 3.3020, -4.7780



119.3780, -9.8120, 1.6120

Square

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



118.8060, 3.3020, -4.7780



117.5360, -13.4330, -4.3530



120.1940, -3.3020, 4.7780



120.8660, 12.2410, 3.9290

Rectangle

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



118.8060, 3.3020, -4.7780



118.0050, -7.5640, -6.0920



120.1940, -3.3020, 4.7780



120.9950, 7.5640, 6.0920

Sweetspot

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



118.8060, 3.3020, -4.7780



157.1310, 1.0090, -1.7670



112.3600, 7.7940, 1.9220



78.6580, 0.9630, -0.9330



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



118.8060, 3.3020, -4.7780



154.5950, 5.2740, -7.4780



116.7130, -0.8700, -6.2620



60.0170, 1.3300, -2.0780



105.3680, 29.3970, -42.6910



212.5080, 59.4360, -86.0040

Inverse Universe

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



109.1940, -3.3020, 4.7780



139.4050, -5.2740, 7.4780



111.2870, 0.8700, 6.2620



55.9830, -1.3300, 2.0780



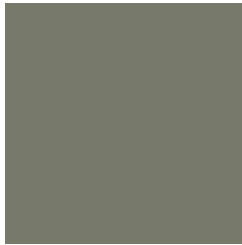
19.6320, -29.3970, 42.6910



39.4920, -59.4360, 86.0040

Previews

White Background



This preview shows how the YIQ color 118.8060, 3.3020, -4.7780 looks on a white background.

Color Contrast Check

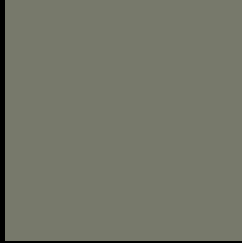
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8060, 3.3020, -4.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

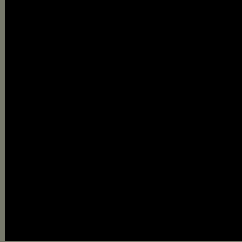
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

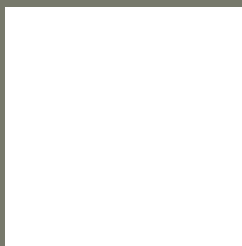
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.8060, 3.3020, -4.7780

Background



This preview shows how black text looks on a background with the YIQ color 118.8060, 3.3020, -4.7780.



This preview shows how white text looks on a background with the YIQ color 118.8060, 3.3020,

-4.7780.

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

118.8060, 3.3020, -4.7780

Protanopia

119.3120, 7.7490, -2.7710

Deuteranopia

120.1820, 14.1670, 2.0630



Tritanopia

120.2220, -0.5050, 3.6470

Trichromacy



Original Color

118.8060, 3.3020, -4.7780

Protanomaly

119.3010, 6.2820, -3.7180

Deuteranomaly

119.5620, 10.0410, -0.2550

Tritanomaly

119.7120, 0.8710, 0.7350

Monochromacy



Original Color

118.8060, 3.3020, -4.7780

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.8060, 3.3020, -4.7780 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(119, 121, 107)` looks like.

```
.text, #text, p{  
    color:rgb(119, 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(119, 121, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 107) }
```

Border

The CSS property to change the border of an element to YIQ 118.8060, 3.3020, -4.7780 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(119, 121, 107) }
```


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

```
.border{ border-color:rgb(119, 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(119, 121, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 107);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 118.8060, 3.3020, -4.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 107) }
```

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

```
.background{ background-color: rgb(119,  
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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