

Converting Colors

YIQ(117.5070, 2.7060, -4.9900)

Have a look what the booklet for
YIQ(117.5070, 2.7060, -4.9900)
contains.

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Color

**YIQ(117.5070, 2.7060,
-4.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	75786A
RGB	117, 120, 106
RGB Percent	46%, 47%, 42%
CMY	0.5412, 0.5294, 0.5843
CMYK	0.03, 0.00, 0.12, 0.53
HSL	73°, 6%, 44%
HSV	73°, 12%, 47%
XYZ	16.6540, 18.2556, 16.2831
YIQ	117.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

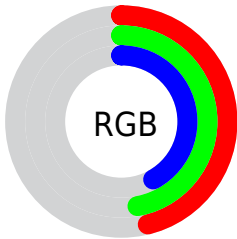
Format	Color
R_{YB}	106, 120, 109
Decimal	7698538
CIE _{Lab}	49.80, -3.85, 7.30
CIE _{LCh}	50, 8.252, 117.828
Yxy	18.2556, 0.3253, 0.3566
Android (android.graphics.Color)	4285888618 (0xFF75786A)
YUV	117.5070, -5.6730, -0.4446
Hunter-Lab	42.7266, -5.1956, 7.3132

Details

The YIQ color **117.5070, 2.7060, -4.9900** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.4930, -2.7060, 4.9900**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.3930, 3.0270, -5.3010**, and **69.6210, 2.3850, -4.6790** is the 20% darker color. If you saturate the color by 10%, you get **115.2420, 4.7700, -9.3580**, and if you desaturate by 10%, it is **119.7720, 0.6420, -0.6220**.

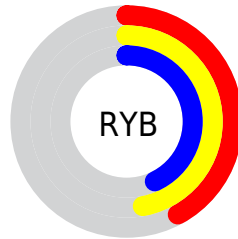
Distribution



Red (46%)

Green (47%)

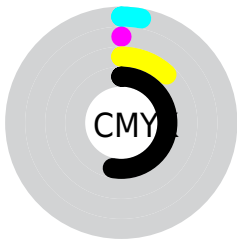
Blue (42%)



Red (42%)

Yellow (47%)

Blue (43%)

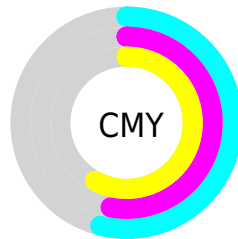


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.5070, 2.7060, -4.9900 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 117.5070, 2.7060, -4.9900 by changing the saturation by 10% instead.

■ 117.5070, 2.7060,
-4.9900

■ 117.5070, 2.7060,
-4.9900

■ 255.0000, -0.0000,
-0.0000

■ 92.6210, 2.3850,
-4.6790

■ 169.3930, 3.0270,
-5.3010

■ 69.6210, 2.3850,
-4.6790

■ 196.9800, 2.7520,
-5.8240

■ 46.7350, 2.0640,
-4.3680

■ 224.9800, 2.7520,
-5.8240

■ 26.0340, 2.6600,
-4.1560

■ 252.6920, 3.6230,
-5.0890

■ 0.0000, 0.0000,
0.0000

■ 117.5070, 2.7060,

■ 117.5070, 2.7060,

-4.9900

-4.9900

■ 115.2420, 4.7700,
-9.3580

■ 119.7720, 0.6420,
-0.6220

■ 113.2760, 7.4300,
-13.5140

■ 121.7380, -2.0180,
3.5340

■ 111.0110, 9.4940,
-17.8820

■ 124.0030, -4.0820,
7.9020

■ 109.0450, 12.1540,
-22.0380

■ 125.9690, -6.7420,
12.0580

■ 106.7800, 14.2180,
-26.4060

■ 128.2340, -8.8060,
16.4260

■ 104.8140, 16.8780,
-30.5620

■ 130.2000,
-11.4660, 20.5820

■ 102.5490, 18.9420,
-34.9300

■ 132.4650,
-13.5300, 24.9500

■ 100.2840, 21.0060,
-39.2980

■ 134.7300,
-15.5940, 29.3180

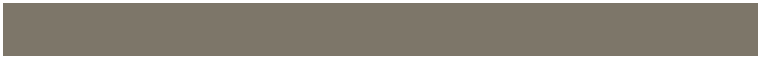
■ 98.5460, 23.0240,
-42.8320

■ 136.6960,
-18.2540, 33.4740

Harmonies

Analogous

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



118.6110, 8.3450, -2.5590



117.5070, 2.7060, -4.9900



116.8590, -4.2170, -6.1770

Triad

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



117.5070, 2.7060, -4.9900



116.9430, -13.0210, -0.8050



119.9520, 9.1230, 5.3710

Complementary

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



117.5070, 2.7060, -4.9900



108.4930, -2.7060, 4.9900

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.



119.8420, 3.6210, 5.9650



117.5070, 2.7060, -4.9900



118.0900, -8.9410, 2.3470

Square

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



117.5070, 2.7060, -4.9900



116.0630, -13.4790, -3.5190



119.1940, -3.3020, 4.7780



119.7520, 12.5620, 3.6180

Rectangle

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



117.5070, 2.7060, -4.9900



116.1190, -7.8850, -5.7810



119.1940, -3.3020, 4.7780



119.9950, 7.5640, 6.0920

Sweetspot

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



117.5070, 2.7060, -4.9900



155.1310, 1.0090, -1.7670



111.9470, 7.5190, 1.3990



78.3590, 0.3670, -1.1450



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.



117.5070, 2.7060, -4.9900



151.9970, 4.0820, -7.9020



115.4140, -1.4660, -6.4740



60.0170, 1.3300, -2.0780



102.6770, 24.0330, -44.5990



207.1260, 48.7080, -89.8200

Inverse Universe

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



108.4930, -2.7060, 4.9900



137.7040, -4.6780, 7.6900



110.5860, 1.4660, 6.4740



55.9830, -1.3300, 2.0780



22.3230, -24.0330, 44.5990



44.8740, -48.7080, 89.8200

Previews

White Background



This preview shows how the YIQ color 117.5070, 2.7060, -4.9900 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 YIQ color 117.5070, 2.7060, -4.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

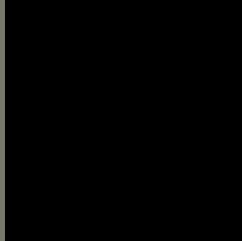
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.5070, 2.7060, -4.9900

Background



This preview shows how black text looks on a background with the YIQ color 117.5070, 2.7060, -4.9900.



This preview shows how white text looks on a background with the YIQ color 117.5070, 2.7060,

-4.9900.

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

117.5070, 2.7060, -4.9900

Protanopia

118.3120, 7.7490, -2.7710

Deuteranopia

119.1820, 14.1670, 2.0630



Tritanopia

118.9230, -1.1010, 3.4350

Trichromacy



Original Color

117.5070, 2.7060, -4.9900

Protanomaly

118.0020, 5.6860, -3.9300

Deuteranomaly

118.5620, 10.0410, -0.2550

Tritanomaly

118.4130, 0.2750, 0.5230

Monochromacy



Original Color

117.5070, 2.7060, -4.9900

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5070, 2.7060, -4.9900 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, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 120, 106)  
}
```

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, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 120, 106) }
```

Border

The CSS property to change the border of an element to YIQ 117.5070, 2.7060, -4.9900 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, 120, 106) }
```


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

```
.border{ border-color:rgb(117, 120, 106) }
```

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

Here you see how a box with a 4 pixel rgb(117, 120, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(117, 120,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5070, 2.7060, -4.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 120, 106) }
```

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

```
.background{ background-color: rgb(117,  
120, 106) }
```

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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