

Converting Colors

YIQ(113.8650, 4.8140, 0.8620)

Have a look what the booklet for
YIQ(113.8650, 4.8140, 0.8620)
contains.

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Color

**YIQ(113.8650, 4.8140,
0.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	77706E
RGB	119, 112, 110
RGB Percent	47%, 44%, 43%
CMY	0.5333, 0.5608, 0.5686
CMYK	0.00, 0.06, 0.08, 0.53
HSL	13°, 4%, 45%
HSV	13°, 8%, 47%
XYZ	16.2169, 16.6358, 17.1097
YIQ	113.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

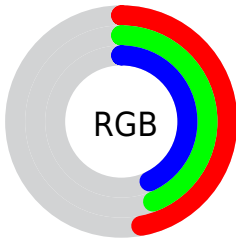
Format	Color
R_{YB}	119, 113, 110
Decimal	7827566
CIE Lab	47.80, 2.33, 2.07
CIE LCh	48, 3.116, 41.650
Yxy	16.6358, 0.3246, 0.3330
Android (android.graphics.Color)	4286017646 (0xFF77706E)
YUV	113.8650, -1.9054, 4.5034
Hunter-Lab	40.7870, -0.4058, 3.6795

Details

The YIQ color **113.8650, 4.8140, 0.8620** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.1350, -4.8140, -0.8620**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8650, 4.8140, 0.8620**, and **65.9790, 4.4930, 1.1730** is the 20% darker color. If you saturate the color by 10%, you get **107.2140, 11.1410, 1.8370**, and if you desaturate by 10%, it is **120.5160, -1.5130, -0.1130**.

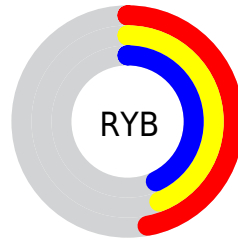
Distribution



Red (47%)

Green (44%)

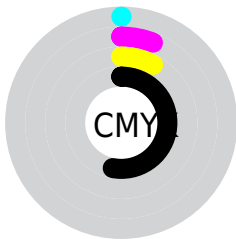
Blue (43%)



Red (47%)

Yellow (44%)

Blue (43%)

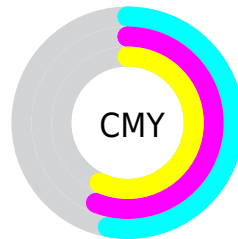


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.8650, 4.8140, 0.8620 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 113.8650, 4.8140, 0.8620 by changing the saturation by 10% instead.

■ 113.8650, 4.8140,
0.8620

■ 113.8650, 4.8140,
0.8620

255.0000, -0.0000,
-0.0000

■ 89.5660, 4.2180,
0.6500

■ 165.8650, 4.8140,
0.8620

■ 65.9790, 4.4930,
1.1730

■ 192.8650, 4.8140,
0.8620

■ 43.6800, 3.8970,
0.9610

■ 221.0500, 5.7310,
0.7630

■ 23.2670, 3.6220,
0.4380

■ 249.1640, 5.4100,
1.0740

■ 0.0000, 0.0000,
0.0000

■ 113.8650, 4.8140,

■ 113.8650, 4.8140,

0.8620

■ 107.2140, 11.1410,
1.8370

■ 99.9760, 17.7430,
3.3350

■ 93.3250, 24.0700,
4.3100

■ 86.6740, 30.3970,
5.2850

■ 80.1370, 36.4030,
6.5710

■ 72.8990, 43.0050,
8.0690

■ 66.2480, 49.3320,
9.0440

■ 59.5970, 55.6590,
10.0190

0.8620

■ 120.5160, -1.5130,
-0.1130

■ 127.7540, -8.1150,
-1.6110

■ 134.4050,
-14.4420, -2.5860

■ 141.0560,
-20.7690, -3.5610

■ 147.7070,
-27.0960, -4.5360

■ 154.8310,
-33.3770, -6.3450

■ 161.4820,
-39.7040, -7.3200

■ 168.1330,
-46.0310, -8.2950

■ 52.9460, 61.9860,
10.9940

■ 174.7840,
-52.3580, -9.2700

Harmonies

Analogous

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



114.0930, 4.1720, 1.4840



113.8650, 4.8140, 0.8620



113.6260, 3.9890, -0.7070

Triad

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



113.8650, 4.8140, 0.8620



112.8640, -2.6130, -2.2050



113.2710, -2.2010, 1.3430

Complementary

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



113.8650, 4.8140, 0.8620



115.1350, -4.8140, -0.8620

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.



112.9610, -4.2640, 0.1840



113.8650, 4.8140, 0.8620



112.4940, -4.4470, -2.0070

Square

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



113.8650, 4.8140, 0.8620



112.5330, -0.1830, -2.1910



112.8360, -5.4100, -1.0740



113.4670, 0.1830, 2.1910

Rectangle

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



113.8650, 4.8140, 0.8620



113.3270, 3.3930, -0.9190



112.8360, -5.4100, -1.0740



113.6730, -3.3930, 0.9190

Sweetspot

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



113.8650, 4.8140, 0.8620



153.7830, 2.1090, 0.3250



113.4890, 3.1170, 4.0850



78.1850, 0.9170, -0.0990



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.



113.8650, 4.8140, 0.8620



147.9470, 7.5190, 1.3990



116.2130, 3.7140, -1.2300



55.3810, 3.3010, 0.7490



52.3270, 65.2870, 11.7430



107.0350, 133.8750, 24.2350

Inverse Universe

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



115.1350, -4.8140, -0.8620



149.4660, -7.2440, -0.8760



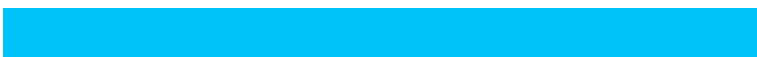
112.7870, -3.7140, 1.2300



56.0320, -3.0260, -0.2260



69.6730, -65.2870, -11.7430



142.9650, -133.8750, -24.2350

Previews

White Background



This preview shows how the YIQ color 113.8650, 4.8140, 0.8620 looks on a white background.

Color Contrast Check

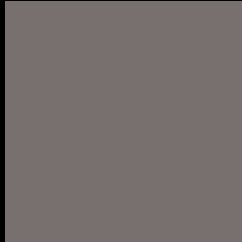
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8650, 4.8140, 0.8620 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](#).

YIQ 113.8650, 4.8140, 0.8620

Background



This preview shows how black text looks on a background with the YIQ color 113.8650, 4.8140, 0.8620.



This preview shows how white text looks on a background with the YIQ color 113.8650, 4.8140,

0.8620.

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

113.8650, 4.8140, 0.8620

Protanopia

113.6690, 2.4300, 0.0140

Deuteranopia

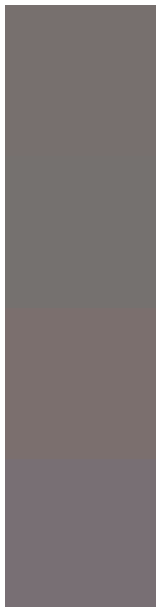
114.4850, 8.9400, 3.1800



Tritanopia

114.6030, 2.7960, 4.3960

Trichromacy



Original Color

113.8650, 4.8140, 0.8620

Protanomaly

113.9680, 3.0260, 0.2260

Deuteranomaly

114.4740, 7.4730, 2.2330

Tritanomaly

114.2610, 3.7590, 3.4630

Monochromacy



Original Color

113.8650, 4.8140, 0.8620

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.8650, 4.8140, 0.8620 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, 112, 110)` looks like.

```
.text, #text, p{  
    color:rgb(119, 112, 110)  
}
```

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, 112, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 112, 110) }
```

Border

The CSS property to change the border of an element to YIQ 113.8650, 4.8140, 0.8620 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, 112, 110) }
```


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

```
.border{ border-color:rgb(119, 112, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 112, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 112, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 112, 110);  
box-shadow:4px 4px 4px 4px rgb(119, 112,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 113.8650, 4.8140, 0.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 112, 110) }
```

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

```
.background{ background-color: rgb(119,  
112, 110) }
```

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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