

Converting Colors

YIQ(110.8480, 3.4840, 2.9400)

Have a look what the booklet for
YIQ(110.8480, 3.4840, 2.9400)
contains.

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Color

**YIQ(110.8480, 3.4840,
2.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	746C70
RGB	116, 108, 112
RGB Percent	45%, 42%, 44%
CMY	0.5451, 0.5765, 0.5608
CMYK	0.00, 0.07, 0.03, 0.55
HSL	330°, 4%, 44%
HSV	330°, 7%, 45%
XYZ	15.4902, 15.6077, 17.5262
YIQ	110.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

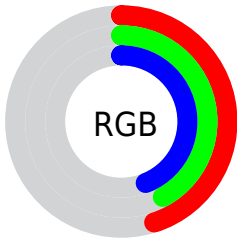
Format	Color
R _Y B	116, 108, 112
Decimal	7629936
CIE Lab	46.46, 3.91, -1.11
CIE LCh	46, 4.063, 344.114
Yxy	15.6077, 0.3186, 0.3210
Android (android.graphics.Color)	4285820016 (0xFF746C70)
YUV	110.8480, 0.5679, 4.5183
Hunter-Lab	39.5066, 0.8517, 1.3520

Details

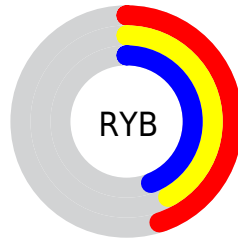
The YIQ color **110.8480, 3.4840, 2.9400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.1520, -3.4840, -2.9400**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2610, 3.7590, 3.4630**, and **63.4350, 3.2090, 2.4170** is the 20% darker color. If you saturate the color by 10%, you get **103.1200, 8.7100, 7.3500**, and if you desaturate by 10%, it is **118.5760, -1.7420, -1.4700**.

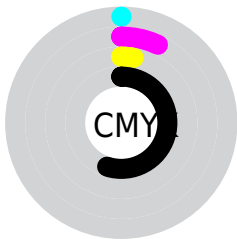
Distribution



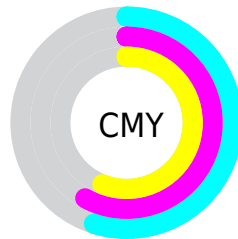
- Red (45%)
- Green (42%)
- Blue (44%)



- Red (45%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8480, 3.4840, 2.9400 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 110.8480, 3.4840, 2.9400 by changing the saturation by 10% instead.

■ 110.8480, 3.4840,
2.9400

■ 110.8480, 3.4840,
2.9400

255.0000, -0.0000,
-0.0000

■ 86.5490, 2.8880,
2.7280

■ 162.2610, 3.7590,
3.4630

■ 63.4350, 3.2090,
2.4170

■ 189.2610, 3.7590,
3.4630

■ 41.4350, 3.2090,
2.4170

■ 217.2610, 3.7590,
3.4630

■ 20.5490, 2.8880,
2.7280

■ 245.5600, 4.3550,
3.6750

■ 0.0000, 0.0000,
0.0000

■ 110.8480, 3.4840,

■ 110.8480, 3.4840,

2.9400

2.9400

■ 103.1200, 8.7100,
7.3500

■ 118.5760, -1.7420,
-1.4700

■ 95.9790, 13.6610,
11.2370

■ 125.7170, -6.6930,
-5.3570

■ 88.3650, 18.5660,
15.9580

■ 133.3310,
-11.5980, -10.0780

■ 81.2240, 23.5170,
19.8450

■ 140.4720,
-16.5490, -13.9650

■ 73.4960, 28.7430,
24.2550

■ 148.2000,
-21.7750, -18.3750

■ 65.7680, 33.9690,
28.6650

■ 155.9280,
-27.0010, -22.7850

■ 58.6270, 38.9200,
32.5520

■ 163.0690,
-31.9520, -26.6720

■ 51.0130, 43.8250,
37.2730

■ 170.6830,
-36.8570, -31.3930

■ 43.8720, 48.7760,
41.1600

■ 177.8240,
-41.8080, -35.2800

Harmonies

Analogous

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



110.8800, 0.4580, 2.7140



110.8480, 3.4840, 2.9400



111.1040, 5.6390, 2.4310

Triad

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



110.8480, 3.4840, 2.9400



109.5010, 2.8430, -1.9650



109.3520, -6.9230, -1.1870

Complementary

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



110.8480, 3.4840, 2.9400



113.1520, -3.4840, -2.9400

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.



109.0100, -5.9600, -2.1200



110.8480, 3.4840, 2.9400



109.1200, -0.4580, -2.7140

Square

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



110.8480, 3.4840, 2.9400



110.2240, 5.1810, -0.2830



109.1520, -3.4840, -2.9400



109.7760, -5.1810, 0.2830

Rectangle

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



110.8480, 3.4840, 2.9400



110.7620, 6.6020, 1.4980



109.1520, -3.4840, -2.9400



109.2380, -6.6020, -1.4980

Sweetspot

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



110.8480, 3.4840, 2.9400



148.1250, 1.1460, 1.2580



110.1080, -0.1840, 3.3360



75.7120, 0.8710, 0.7350



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



110.8480, 3.4840, 2.9400



142.2720, 5.2260, 4.4100



110.3920, 4.7680, 1.6960



55.1360, 2.6130, 2.2050



43.4320, 53.1310, 44.8350



89.0000, 108.8750, 91.8750

Inverse Universe

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



110.8480, 3.4840, 2.9400



142.2720, 5.2260, 4.4100



113.6080, -4.7680, -1.6960



55.1360, 2.6130, 2.2050



43.4320, 53.1310, 44.8350



89.0000, 108.8750, 91.8750

Previews

White Background



This preview shows how the YIQ color 110.8480, 3.4840, 2.9400 looks on a white background.

Color Contrast Check

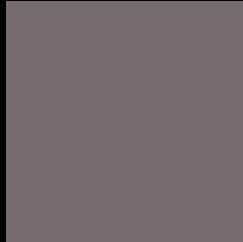
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8480, 3.4840, 2.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

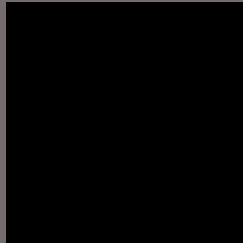
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.8480, 3.4840, 2.9400

Background



This preview shows how black text looks on a background with the YIQ color 110.8480, 3.4840, 2.9400.



This preview shows how white text looks on a background with the YIQ color 110.8480, 3.4840,

2.9400.

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

110.8480, 3.4840, 2.9400

Protanopia

110.0540, -0.0920, 1.6680

Deuteranopia

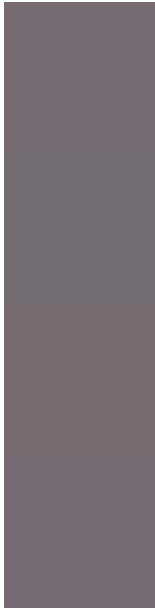
111.4570, 6.1430, 4.3110



Tritanopia

111.0160, 3.0710, 4.9190

Trichromacy



Original Color

110.8480, 3.4840, 2.9400

Protanomaly

110.6520, 1.1000, 2.0920

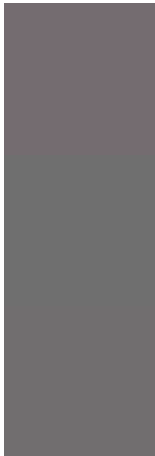
Deuteranomaly

111.1580, 5.5470, 4.0990

Tritanomaly

110.9020, 3.3920, 4.6080

Monochromacy



Original Color

110.8480, 3.4840, 2.9400

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8480, 3.4840, 2.9400 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(116, 108, 112)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 112)  
}
```

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(116, 108, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 112) }
```

Border

The CSS property to change the border of an element to YIQ 110.8480, 3.4840, 2.9400 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(116, 108, 112) }
```


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

```
.border{ border-color:rgb(116, 108, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 112);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8480, 3.4840, 2.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 112) }
```

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

```
.background{ background-color: rgb(116,  
108, 112) }
```

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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