

Converting Colors

YIQ(63.8480, 3.4840, 2.9400)

Have a look what the booklet for
YIQ(63.8480, 3.4840, 2.9400)
contains.

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Color

YIQ(63.8480, 3.4840, 2.9400)

Conversions

Conversions Part 1

Format	Color
Hex	453D41
RGB	69, 61, 65
RGB Percent	27%, 24%, 25%
CMY	0.7294, 0.7608, 0.7451
CMYK	0.00, 0.12, 0.06, 0.73
HSL	330°, 6%, 25%
HSV	330°, 12%, 27%
XYZ	5.0774, 4.9842, 5.6959
YIQ	63.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

Format	Color
RYB	69, 61, 65
Decimal	4537665
CIELab	26.69, 4.30, -1.20
CIELCh	27, 4.465, 344.460
Yxy	4.9842, 0.3222, 0.3163
Android (android.graphics.Color)	4282727745 (0xFF453D41)
YUV	63.8480, 0.5679, 4.5183
Hunter-Lab	22.3254, 1.5265, 0.5011

Details

The YIQ color **63.8480, 3.4840, 2.9400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.1520, -3.4840, -2.9400**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.2610, 3.7590, 3.4630**, and **21.5490, 2.8880, 2.7280** is the 20% darker color. If you saturate the color by 10%, you get **59.3970, 6.3720, 5.6680**, and if you desaturate by 10%, it is **68.2990, 0.5960, 0.2120**.

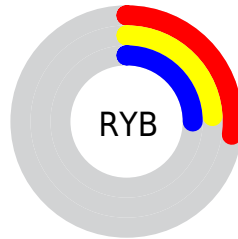
Distribution



Red (27%)

Green (24%)

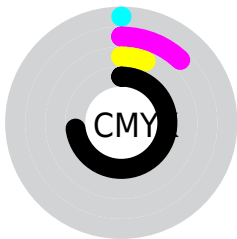
Blue (25%)



Red (27%)

Yellow (24%)

Blue (25%)

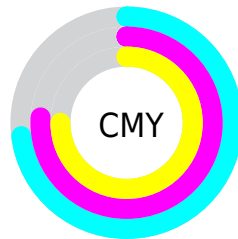


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.8480, 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 63.8480, 3.4840, 2.9400 by changing the saturation by 10% instead.

■ 63.8480, 3.4840,
2.9400

■ 63.8480, 3.4840,
2.9400

■ 255.0000, -0.0000,
-0.0000

■ 41.8480, 3.4840,
2.9400

■ 111.2610, 3.7590,
3.4630

■ 21.5490, 2.8880,
2.7280

■ 137.1470, 4.0800,
3.1520

■ 0.0000, 0.0000,
0.0000

■ 163.1470, 4.0800,
3.1520

■ 190.5600, 4.3550,
3.6750

■ 217.5600, 4.3550,
3.6750

■ 246.5600, 4.3550,

3.6750

■ 63.8480, 3.4840,
2.9400

■ 63.8480, 3.4840,
2.9400

■ 59.3970, 6.3720,
5.6680

■ 68.2990, 0.5960,
0.2120

■ 54.8320, 9.5810,
8.0850

■ 72.8640, -2.6130,
-2.2050

■ 50.3810, 12.4690,
10.8130

■ 77.3150, -5.5010,
-4.9330

■ 45.8160, 15.6780,
13.2300

■ 81.8800, -8.7100,
-7.3500

■ 41.3650, 18.5660,
15.9580

■ 86.3310, -11.5980,
-10.0780

■ 37.3870, 21.5000,
17.8520

■ 90.3090, -14.5320,
-11.9720

■ 32.9360, 24.3880,
20.5800

■ 94.7600, -17.4200,
-14.7000

■ 28.3710, 27.5970,
22.9970

■ 99.3250, -20.6290,
-17.1170

■ 24.6210, 29.8890,
25.5130

■ 103.7760,
-23.5170, -19.8450

Harmonies

Analogous

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



63.8800, 0.4580, 2.7140



63.8480, 3.4840, 2.9400



64.1040, 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.



63.8480, 3.4840, 2.9400



62.6150, 2.5220, -1.6540



62.3520, -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.



63.8480, 3.4840, 2.9400



66.1520, -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.



62.0100, -5.9600, -2.1200



63.8480, 3.4840, 2.9400



62.1200, -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.



63.8480, 3.4840, 2.9400



63.2240, 5.1810, -0.2830



62.1520, -3.4840, -2.9400



62.8900, -5.5020, 0.5940

Rectangle

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



63.8480, 3.4840, 2.9400



63.4630, 6.0060, 1.2860



62.1520, -3.4840, -2.9400



62.2380, -6.6020, -1.4980

Sweetspot

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



63.8480, 3.4840, 2.9400



87.7120, 0.8710, 0.7350



63.1080, -0.1840, 3.3360



44.7120, 0.8710, 0.7350



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



63.8480, 3.4840, 2.9400



81.2720, 5.2260, 4.4100



63.3920, 4.7680, 1.6960



33.4240, 1.7420, 1.4700



35.3010, 42.9540, 36.5380



80.8690, 98.6980, 83.5780

Inverse Universe

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



63.8480, 3.4840, 2.9400



81.2720, 5.2260, 4.4100



66.6080, -4.7680, -1.6960



33.4240, 1.7420, 1.4700



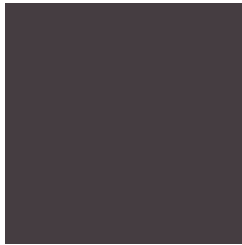
35.3010, 42.9540, 36.5380



80.8690, 98.6980, 83.5780

Previews

White Background



This preview shows how the YIQ color 63.8480, 3.4840, 2.9400 looks on a white background.

Color Contrast Check

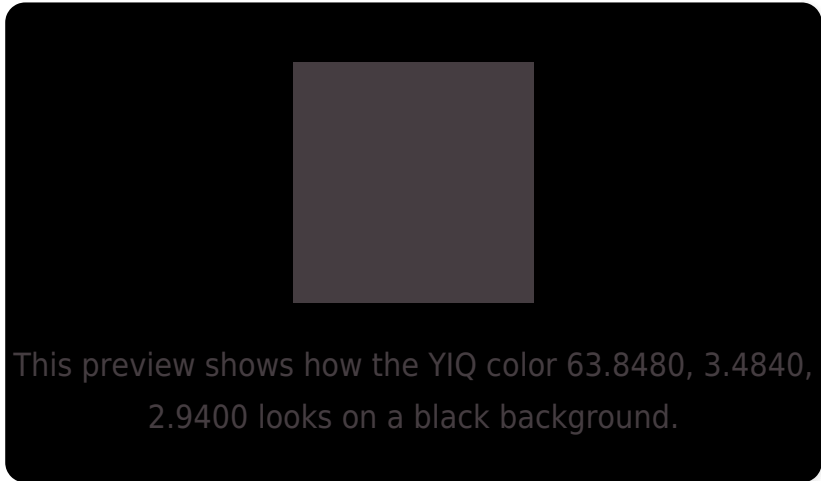
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

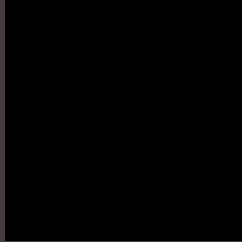
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.8480, 3.4840, 2.9400

Background



This preview shows how black text looks on a background with the YIQ color 63.8480, 3.4840, 2.9400.

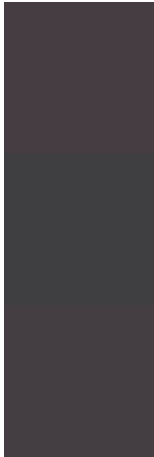


This preview shows how white text looks on a background with the YIQ color 63.8480, 3.4840, 2.9400.

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

63.8480, 3.4840, 2.9400

Protanopia

63.3420, -0.9630, 0.9330

Deuteranopia

63.5490, 2.8880, 2.7280



Tritanopia

63.9620, 3.1630, 3.2510

Trichromacy



Original Color

63.8480, 3.4840, 2.9400

Protanomaly

63.3530, 0.5040, 1.8800

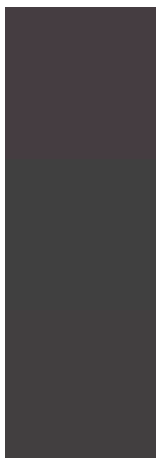
Deuteranomaly

63.5490, 2.8880, 2.7280

Tritanomaly

63.9620, 3.1630, 3.2510

Monochromacy



Original Color

63.8480, 3.4840, 2.9400

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.8480, 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(69, 61, 65)` looks like.

```
.text, #text, p{  
    color:rgb(69, 61, 65)  
}
```

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(69, 61, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 61, 65) }
```

Border

The CSS property to change the border of an element to YIQ 63.8480, 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(69, 61, 65) }
```

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

```
.border{ border-color:rgb(69, 61, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 61, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 61, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 61, 65);  
box-shadow:4px 4px 4px 4px rgb(69, 61, 65)  
}
```


Background

The CSS property to change the background color of an element to YIQ 63.8480, 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(69, 61, 65) }
```

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

```
.background{ background-color: rgb(69, 61,  
65) }
```

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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