

Converting Colors

YIQ(70.0880, 2.5680, -2.4880)

Have a look what the booklet for
YIQ(70.0880, 2.5680, -2.4880)
contains.

YIQ(70.0880, 2.5680, -2.4880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(70.0880, 2.5680,
-2.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	47473F
RGB	71, 71, 63
RGB Percent	28%, 28%, 25%
CMY	0.7216, 0.7216, 0.7529
CMYK	0.00, 0.00, 0.11, 0.72
HSL	60°, 6%, 26%
HSV	60°, 11%, 28%
XYZ	5.7490, 6.2049, 5.5979
YIQ	70.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

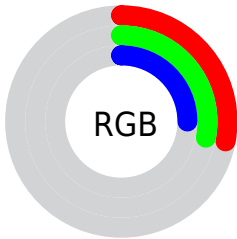
Format	Color
RYB	63, 71, 63
Decimal	4671295
CIELab	29.92, -1.68, 4.81
CIElCh	30, 5.095, 109.216
Yxy	6.2049, 0.3275, 0.3535
Android (android.graphics.Color)	4282861375 (0xFF47473F)
YUV	70.0880, -3.4944, 0.7998
Hunter-Lab	24.9097, -2.3954, 4.1127

Details

The YIQ color **70.0880, 2.5680, -2.4880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.9120, -2.5680, 2.4880**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0880, 2.5680, -2.4880**, and **27.2020, 2.2470, -2.1770** is the 20% darker color. If you saturate the color by 10%, you get **69.2900, 4.8150, -4.6650**, and if you desaturate by 10%, it is **70.8860, 0.3210, -0.3110**.

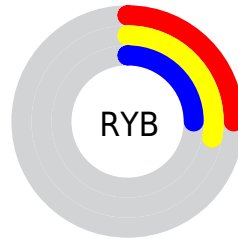
Distribution



Red (28%)

Green (28%)

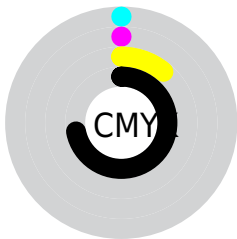
Blue (25%)



Red (25%)

Yellow (28%)

Blue (25%)

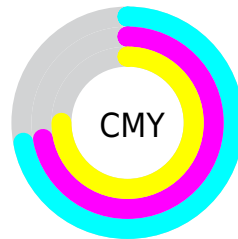


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (72%)



Cyan (72%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.0880, 2.5680, -2.4880 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 70.0880, 2.5680, -2.4880 by changing the saturation by 10% instead.

■ 70.0880, 2.5680,
-2.4880

■ 70.0880, 2.5680,
-2.4880

■ 255.0000, -0.0000,
-0.0000

■ 48.0880, 2.5680,
-2.4880

■ 118.0880, 2.5680,
-2.4880

■ 27.2020, 2.2470,
-2.1770

■ 143.9740, 2.8890,
-2.7990

■ 0.0000, 0.0000,
0.0000

■ 170.2730, 3.4850,
-2.5870

■ 197.8600, 3.2100,
-3.1100

■ 225.8600, 3.2100,
-3.1100

■ 253.8600, 3.2100,

-3.1100

■ 70.0880, 2.5680,
-2.4880

■ 70.0880, 2.5680,
-2.4880

■ 69.2900, 4.8150,
-4.6650

■ 70.8860, 0.3210,
-0.3110

■ 68.4920, 7.0620,
-6.8420

■ 71.6840, -1.9260,
1.8660

■ 67.6940, 9.3090,
-9.0190

■ 72.4820, -4.1730,
4.0430

■ 66.8960, 11.5560,
-11.1960

■ 73.2800, -6.4200,
6.2200

■ 66.0980, 13.8030,
-13.3730

■ 74.1920, -8.9880,
8.7080

■ 65.1860, 16.3710,
-15.8610

■ 74.9900, -11.2350,
10.8850

■ 64.3880, 18.6180,
-18.0380

■ 75.7880, -13.4820,
13.0620

■ 63.5900, 20.8650,
-20.2150

■ 76.5860, -15.7290,
15.2390

■ 62.9060, 22.7910,
-22.0810

■ 77.3840, -17.9760,
17.4160

Harmonies

Analogous

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



70.6970, 5.2270, -1.1170



70.0880, 2.5680, -2.4880



69.4080, -1.3290, -3.4490

Triad

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



70.0880, 2.5680, -2.4880



69.1670, -7.8400, -1.0880



71.4460, 4.6760, 3.3640

Complementary

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



70.0880, 2.5680, -2.4880



63.9120, -2.5680, 2.4880

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.



71.2930, 0.7330, 3.2370



70.0880, 2.5680, -2.4880



70.0040, -5.8230, 0.9050

Square

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



70.0880, 2.5680, -2.4880



69.4120, -7.1520, -2.5440



70.9120, -2.5680, 2.4880



71.2890, 6.5560, 2.3320

Rectangle

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



70.0880, 2.5680, -2.4880



69.7390, -3.7590, -3.4630



70.9120, -2.5680, 2.4880



71.2610, 3.7590, 3.4630

Sweetspot

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



70.0880, 2.5680, -2.4880



91.6580, 0.9630, -0.9330



65.3920, 4.7680, 1.6960



45.7720, 0.6420, -0.6220



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.



70.0880, 2.5680, -2.4880



90.5180, 4.1730, -4.0430



68.8920, 0.1840, -3.3360



35.5440, 1.2840, -1.2440



87.7140, 31.7790, -30.7890



201.1220, 72.8670, -70.5970

Inverse Universe

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



63.9120, -2.5680, 2.4880



80.4820, -4.1730, 4.0430



65.1080, -0.1840, 3.3360



32.4560, -1.2840, 1.2440



11.2860, -31.7790, 30.7890



25.8780, -72.8670, 70.5970

Previews

White Background



This preview shows how the YIQ color 70.0880, 2.5680, -2.4880 looks on a white background.

Color Contrast Check

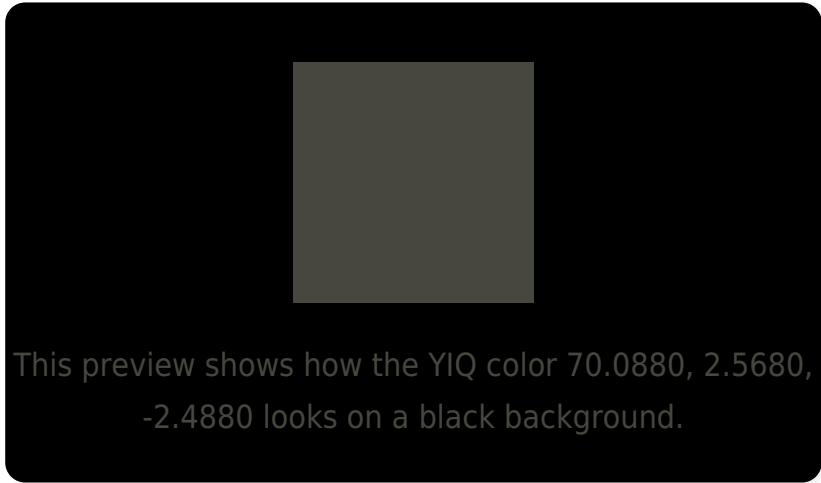
Large Text (above 18pt) WCAG AA ✓ Pass

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

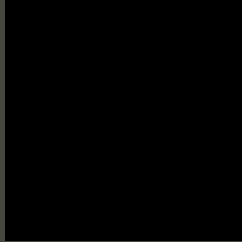
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.0880, 2.5680, -2.4880

Background



This preview shows how black text looks on a background with the YIQ color 70.0880, 2.5680, -2.4880.



This preview shows how white text looks on a background with the YIQ color 70.0880, 2.5680,

-2.4880.

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

70.0880, 2.5680, -2.4880

Protanopia

70.3980, 4.6310, -1.3290

Deuteranopia

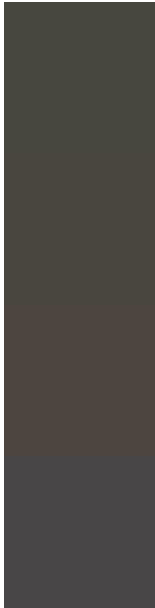
71.1320, 8.4360, 1.3000



Tritanopia

70.8800, 0.4580, 2.7140

Trichromacy



Original Color

70.0880, 2.5680, -2.4880

Protanomaly

70.0990, 4.0350, -1.5410

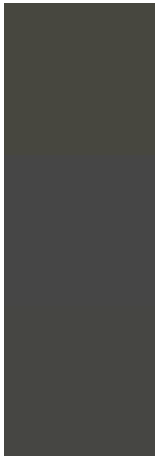
Deuteranomaly

70.8220, 6.3730, 0.1410

Tritanomaly

70.7120, 0.8710, 0.7350

Monochromacy



Original Color

70.0880, 2.5680, -2.4880

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6580, 0.9630, -0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.0880, 2.5680, -2.4880 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(71, 71, 63)` looks like.

```
.text, #text, p{  
    color:rgb(71, 71, 63)  
}
```

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(71, 71, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 71, 63) }
```

Border

The CSS property to change the border of an element to YIQ 70.0880, 2.5680, -2.4880 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(71, 71, 63) }
```


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

```
.border{ border-color:rgb(71, 71, 63) }
```

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

Here you see how a box with a 4 pixel rgb(71, 71, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 71, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 71, 63);  
box-shadow:4px 4px 4px 4px rgb(71, 71, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 70.0880, 2.5680, -2.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 71, 63) }
```

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

```
.background{ background-color: rgb(71, 71,  
63) }
```

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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