

Converting Colors

YIQ(71.1050, 3.8980, -4.5660)

Have a look what the booklet for
YIQ(71.1050, 3.8980, -4.5660)
contains.

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Color

**YIQ(71.1050, 3.8980,
-4.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	48493B
RGB	72, 73, 59
RGB Percent	28%, 29%, 23%
CMY	0.7177, 0.7137, 0.7686
CMYK	0.01, 0.00, 0.19, 0.71
HSL	64°, 11%, 26%
HSV	64°, 19%, 29%
XYZ	5.8444, 6.4586, 5.0772
YIQ	71.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

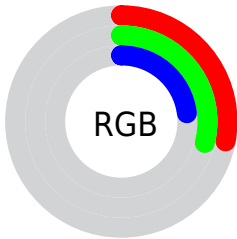
Format	Color
RYB	59, 73, 60
Decimal	4737339
CIELab	30.54, -3.26, 8.26
CIElCh	31, 8.876, 111.533
Yxy	6.4586, 0.3363, 0.3716
Android (android.graphics.Color)	4282927419 (0xFF48493B)
YUV	71.1050, -5.9678, 0.7849
Hunter-Lab	25.4137, -3.4241, 5.9446

Details


The YIQ color **71.1050, 3.8980, -4.5660** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.8950, -3.8980, 4.5660**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.8770, 4.5400, -5.1880**, and **28.2190, 3.5770, -4.2550** is the 20% darker color. If you saturate the color by 10%, you get **70.0080, 5.5490, -6.9550**, and if you desaturate by 10%, it is **72.2020, 2.2470, -2.1770**.

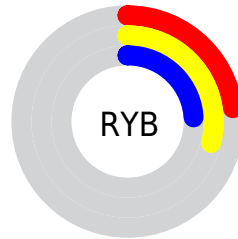
Distribution



 Red (28%)

 Green (29%)

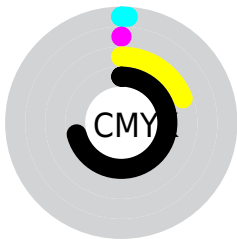
 Blue (23%)



 Red (23%)

 Yellow (29%)

 Blue (24%)

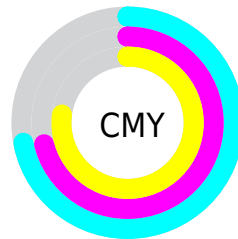



 Cyan (1%)


 Magenta (0%)

 Yellow (19%)

 Black (71%)



 Cyan (72%)

 Magenta (71%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.1050, 3.8980, -4.5660 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 71.1050, 3.8980, -4.5660 by changing the saturation by 10% instead.

■ 71.1050, 3.8980,
-4.5660

■ 71.1050, 3.8980,
-4.5660

■ 255.0000, -0.0000,
-0.0000

■ 48.8060, 3.3020,
-4.7780

■ 119.8770, 4.5400,
-5.1880

■ 28.2190, 3.5770,
-4.2550

■ 144.8770, 4.5400,
-5.1880

■ 2.3480, -1.1000,
-2.0920

■ 171.8770, 4.5400,
-5.1880

■ 0.0000, 0.0000,
0.0000

■ 198.7630, 4.8610,
-5.4990

■ 226.7630, 4.8610,
-5.4990

■ 253.2900, 4.8150,

-4.6650

■ 71.1050, 3.8980,
-4.5660

■ 71.1050, 3.8980,
-4.5660

■ 70.0080, 5.5490,
-6.9550

■ 72.2020, 2.2470,
-2.1770

■ 69.0960, 8.1170,
-9.4430

■ 73.1140, -0.3210,
0.3110

■ 67.9990, 9.7680,
-11.8320

■ 74.2110, -1.9720,
2.7000

■ 67.2010, 12.0150,
-14.0090

■ 75.0090, -4.2190,
4.8770

■ 66.1040, 13.6660,
-16.3980

■ 76.2200, -6.1910,
7.5770

■ 65.1920, 16.2340,
-18.8860

■ 77.0180, -8.4380,
9.7540

■ 64.0950, 17.8850,
-21.2750

■ 78.1150, -10.0890,
12.1430

■ 63.2970, 20.1320,
-23.4520

■ 78.9130, -12.3360,
14.3200

■ 63.1830, 20.4530,
-23.7630

■ 80.1240, -14.3080,
17.0200

Harmonies

Analogous

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



71.9100, 8.9410, -2.3470



71.1050, 3.8980, -4.5660



70.3430, -2.7040, -6.0640

Triad

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



71.1050, 3.8980, -4.5660



69.8180, -14.1670, -2.0630



73.1800, 8.4810, 5.9930

Complementary

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



71.1050, 3.8980, -4.5660



60.8950, -3.8980, 4.5660

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.



73.3580, 2.1080, 5.8520



71.1050, 3.8980, -4.5660



71.0790, -10.4080, 1.4000

Square

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



71.1050, 3.8980, -4.5660



69.5360, -13.4330, -4.3530



72.5960, -4.4940, 4.3540



72.9800, 11.9200, 4.2400

Rectangle

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



71.1050, 3.8980, -4.5660



69.8910, -7.2430, -6.4030



72.5960, -4.4940, 4.3540



73.3970, 6.3720, 5.6680

Sweetspot

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



71.1050, 3.8980, -4.5660



93.4300, 1.6050, -1.5550



63.7730, 8.0690, 2.4450



47.6580, 0.9630, -0.9330



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



71.1050, 3.8980, -4.5660



91.3070, 6.1450, -6.7430



69.0120, -0.2740, -6.0500



35.2450, 0.6880, -1.4560



85.6210, 27.6070, -32.2730



196.3380, 63.3310, -73.9890

Inverse Universe

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



60.8950, -3.8980, 4.5660



75.6930, -6.1450, 6.7430



62.9880, 0.2740, 6.0500



32.4560, -1.2840, 1.2440



13.3790, -27.6070, 32.2730



30.6620, -63.3310, 73.9890

Previews

White Background



This preview shows how the YIQ color 71.1050, 3.8980, -4.5660 looks on a white background.

Color Contrast Check

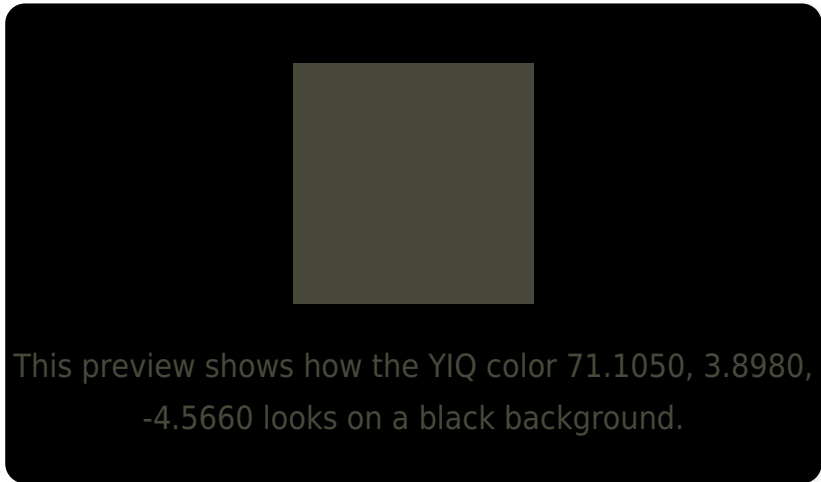
Large Text (above 18pt) WCAG AA ✓ Pass

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

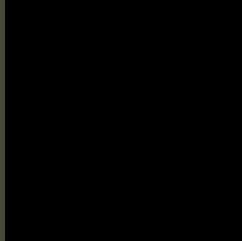
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.1050, 3.8980, -4.5660

Background



This preview shows how black text looks on a background with the YIQ color 71.1050, 3.8980, -4.5660.



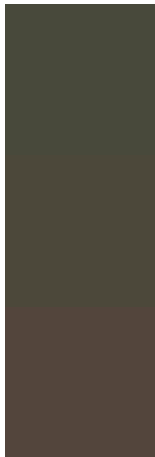
This preview shows how white text looks on a background with the YIQ color 71.1050, 3.8980,

-4.5660.

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

71.1050, 3.8980, -4.5660

Protanopia

71.6000, 6.8780, -3.5060

Deuteranopia

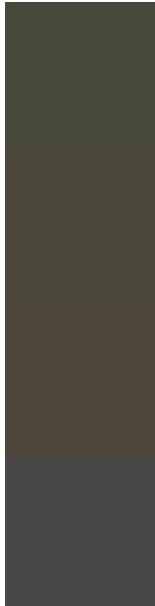
72.1600, 11.2330, 0.1690



Tritanopia

72.4670, 0.1830, 2.1910

Trichromacy



Original Color

71.1050, 3.8980, -4.5660

Protanomaly

71.3010, 6.2820, -3.7180

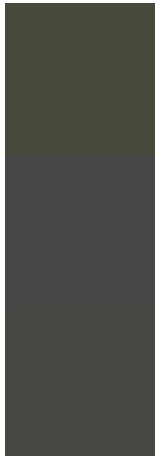
Deuteranomaly

71.5510, 8.5740, -1.2020

Tritanomaly

72.0710, 1.2380, -0.4100

Monochromacy



Original Color

71.1050, 3.8980, -4.5660

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.1050, 3.8980, -4.5660 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(72, 73, 59)` looks like.

```
.text, #text, p{  
    color:rgb(72, 73, 59)  
}
```

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(72, 73, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 73, 59) }
```

Border

The CSS property to change the border of an element to YIQ 71.1050, 3.8980, -4.5660 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(72, 73, 59) }
```


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

```
.border{ border-color:rgb(72, 73, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 73, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 73, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 73, 59);  
box-shadow:4px 4px 4px 4px rgb(72, 73, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.1050, 3.8980, -4.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 73, 59) }
```

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

```
.background{ background-color: rgb(72, 73,  
59) }
```

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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