

Converting Colors

YIQ(73.5270, -0.0460, 0.8340)

Have a look what the booklet for
YIQ(73.5270, -0.0460, 0.8340)
contains.

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Color

**YIQ(73.5270, -0.0460,
0.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	4A494B
RGB	74, 73, 75
RGB Percent	29%, 29%, 29%
CMY	0.7098, 0.7137, 0.7059
CMYK	0.01, 0.03, 0.00, 0.71
HSL	270°, 1%, 29%
HSV	270°, 3%, 29%
XYZ	6.4766, 6.7289, 7.6140
YIQ	73.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	74, 73, 75
Decimal	4868427
CIE Lab	31.18, 0.85, -1.05
CIE LCh	31, 1.354, 309.152
Yxy	6.7289, 0.3111, 0.3232
Android (android.graphics.Color)	4283058507 (0xFF4A494B)
YUV	73.5270, 0.7262, 0.4148
Hunter-Lab	25.9401, -0.8282, 0.7552

Details

The YIQ color **73.5270, -0.0460, 0.8340** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.4730, 0.0460, -0.8340**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5270, -0.0460, 0.8340**, and **30.1140, -0.3210, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **68.2220, -0.5050, 3.6470**, and if you desaturate by 10%, it is **79.4190, 0.1380, -2.5020**.

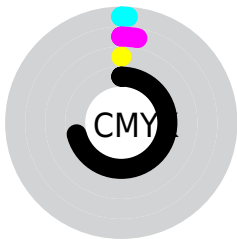
Distribution



- Red (29%)
- Green (29%)
- Blue (29%)



- Red (29%)
- Yellow (29%)
- Blue (29%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (71%)



- Cyan (71%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.5270, -0.0460, 0.8340 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 73.5270, -0.0460, 0.8340 by changing the saturation by 10% instead.

■ 73.5270, -0.0460,
0.8340

■ 73.5270, -0.0460,
0.8340

■ 255.0000, -0.0000,
-0.0000

■ 51.1140, -0.3210,
0.3110

■ 122.5270, -0.0460,
0.8340

■ 30.1140, -0.3210,
0.3110

■ 147.5270, -0.0460,
0.8340

■ 4.6410, -0.3670,
1.1450

■ 174.5270, -0.0460,
0.8340

■ 0.0000, 0.0000,
0.0000

■ 201.6410, -0.3670,
1.1450

■ 229.6410, -0.3670,
1.1450

■ 73.5270, -0.0460,
0.8340

■ 73.5270, -0.0460,
0.8340

■ 68.2220, -0.5050,
3.6470

■ 79.4190, 0.1380,
-2.5020

■ 62.6290, -0.0930,
7.1950

■ 84.4250, 0.0010,
-5.5270

■ 57.3240, -0.5520,
10.0080

■ 90.3170, 0.1850,
-8.8630

■ 51.4320, -0.7360,
13.3440

■ 95.6220, 0.6440,
-11.6760

■ 46.1270, -1.1950,
16.1570

■ 101.5140, 0.8280,
-15.0120

■ 40.5340, -0.7830,
19.7050

■ 106.5200, 0.6910,
-18.0370

■ 35.2290, -1.2420,
22.5180

■ 112.4120, 0.8750,
-21.3730

■ 29.3370, -1.4260,

■ 117.7170, 1.3340,

25.8540

-24.1860

■ 24.0320, -1.8850,
28.6670

■ 123.6090, 1.5180,
-27.5220

Harmonies

Analogous

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



73.2280, -0.6420, 0.6220



73.5270, -0.0460, 0.8340



73.7120, 0.8710, 0.7350

Triad

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



73.5270, -0.0460, 0.8340



73.3700, 1.8340, -0.1980



73.1030, -1.7880, -0.6360

Complementary

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



73.5270, -0.0460, 0.8340



74.4730, 0.0460, -0.8340

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.



73.2880, -0.8710, -0.7350



73.5270, -0.0460, 0.8340



73.0710, 1.2380, -0.4100

Square

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



73.5270, -0.0460, 0.8340



73.7830, 2.1090, 0.3250



73.4730, 0.0460, -0.8340



73.2170, -2.1090, -0.3250

Rectangle

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



73.5270, -0.0460, 0.8340



73.8970, 1.7880, 0.6360



73.4730, 0.0460, -0.8340



72.9890, -1.4670, -0.9470

Sweetspot

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



73.5270, -0.0460, 0.8340



96.1140, -0.3210, 0.3110



73.8150, -0.9170, 0.0990



48.0000, -0.0000, 0.0000



176.0000, -0.0000, -0.0000

Same Dimension

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



73.5270, -0.0460, 0.8340



94.6410, -0.3670, 1.1450



73.8260, 0.5500, 1.0460



37.1140, -0.3210, 0.3110



26.8770, -2.3460, 42.5340



60.6050, -5.2900, 95.9100

Inverse Universe

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



73.7120, 0.8710, 0.7350



95.0110, 1.4670, 0.9470



74.1740, -0.5500, -1.0460



37.2990, 0.5960, 0.2120



36.3120, 44.4210, 37.4850



81.8800, 100.1650, 84.5250

Previews

White Background



This preview shows how the YIQ color 73.5270, -0.0460, 0.8340 looks on a white background.

Color Contrast Check

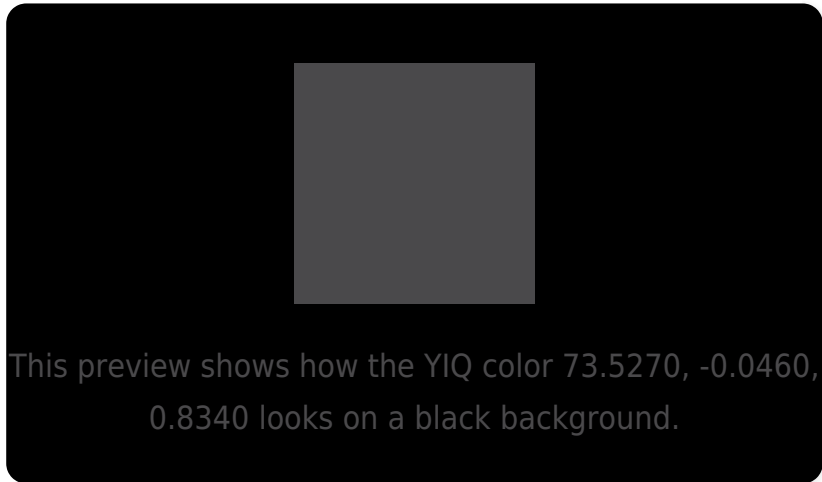
Large Text (above 18pt) WCAG AA ✓ Pass

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

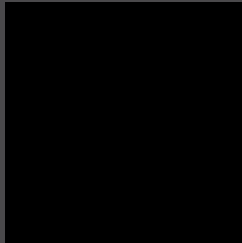
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

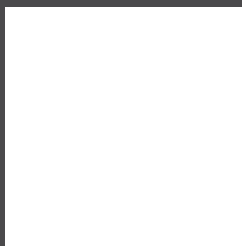
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 73.5270, -0.0460, 0.8340

Background



This preview shows how black text looks on a background with the YIQ color 73.5270, -0.0460, 0.8340.



This preview shows how white text looks on a background with the YIQ color 73.5270, -0.0460,

0.8340.

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

73.5270, -0.0460, 0.8340

Protanopia

73.5270, -0.0460, 0.8340

Deuteranopia

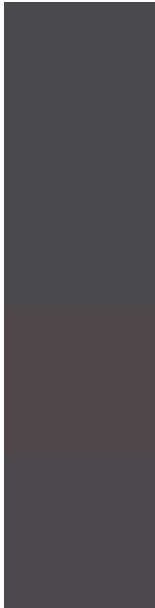
74.1470, 4.0800, 3.1520



Tritanopia

73.2820, -0.7340, 2.2900

Trichromacy



Original Color

73.5270, -0.0460, 0.8340

Protanomaly

73.5270, -0.0460, 0.8340

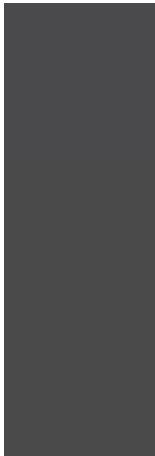
Deuteranomaly

74.1360, 2.6130, 2.2050

Tritanomaly

73.1680, -0.4130, 1.9790

Monochromacy



Original Color

73.5270, -0.0460, 0.8340

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0000, -0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.5270, -0.0460, 0.8340 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(74, 73, 75)` looks like.

```
.text, #text, p{  
    color:rgb(74, 73, 75)  
}
```

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(74, 73, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 73, 75) }
```

Border

The CSS property to change the border of an element to YIQ 73.5270, -0.0460, 0.8340 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(74, 73, 75) }
```

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

```
.border{ border-color:rgb(74, 73, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 73, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 73, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 73, 75);  
box-shadow:4px 4px 4px 4px rgb(74, 73, 75)  
}
```


Background

The CSS property to change the background color of an element to YIQ 73.5270, -0.0460, 0.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 73, 75) }
```

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

```
.background{ background-color: rgb(74, 73,  
75) }
```

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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