

Converting Colors

YIQ(43.9880, 0.2740, 6.0500)

Have a look what the booklet for
YIQ(43.9880, 0.2740, 6.0500)
contains.

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Color

YIQ(43.9880, 0.2740, 6.0500)

Conversions

Conversions Part 1

Format	Color
Hex	302836
RGB	48, 40, 54
RGB Percent	19%, 16%, 21%
CMY	0.8117, 0.8431, 0.7882
CMYK	0.11, 0.26, 0.00, 0.79
HSL	274°, 15%, 18%
HSV	274°, 26%, 21%
XYZ	2.6437, 2.4122, 3.8160
YIQ	43.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

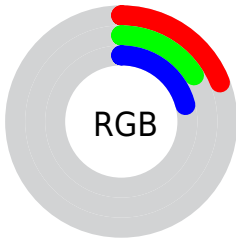
Format	Color
RYB	48, 40, 54
Decimal	3156022
CIELab	17.52, 7.02, -7.66
CIELCh	18, 10.395, 312.514
Yxy	2.4122, 0.2980, 0.2719
Android (android.graphics.Color)	4281346102 (0xFF302836)
YUV	43.9880, 4.9359, 3.5185
Hunter-Lab	15.5313, 3.2043, -3.6954

Details

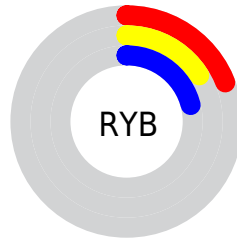
The YIQ color **43.9880, 0.2740, 6.0500** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.0120, -0.2740, -6.0500**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.5150, 0.2280, 6.8840**, and **0.9120, -2.5680, 2.4880** is the 20% darker color. If you saturate the color by 10%, you get **40.4550, 0.4570, 8.2410**, and if you desaturate by 10%, it is **47.5210, 0.0910, 3.8590**.

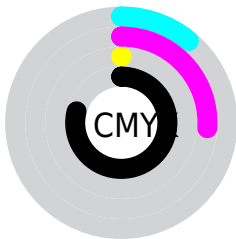
Distribution



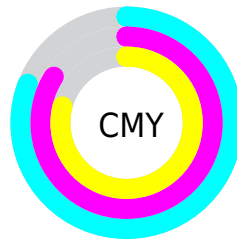
- Red (19%)
- Green (16%)
- Blue (21%)



- Red (19%)
- Yellow (16%)
- Blue (21%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (79%)



- Cyan (81%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.9880, 0.2740, 6.0500 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 43.9880, 0.2740, 6.0500 by changing the saturation by 10% instead.

■ 43.9880, 0.2740,
6.0500

■ 43.9880, 0.2740,
6.0500

■ 255.0000, -0.0000,
-0.0000

■ 23.5750, -0.0010,
5.5270

■ 89.5150, 0.2280,
6.8840

■ 0.9120, -2.5680,
2.4880

■ 113.9280, 0.5030,
7.4070

■ 0.0000, 0.0000,
0.0000

■ 139.9280, 0.5030,
7.4070

■ 165.9280, 0.5030,
7.4070

■ 193.0420, 0.1820,
7.7180

■ 221.0420, 0.1820,

7.7180

248.5430, 3.0250,
5.7530

43.9880, 0.2740,
6.0500

43.9880, 0.2740,
6.0500

40.4550, 0.4570,
8.2410

47.5210, 0.0910,
3.8590

36.0360, 0.3190,
10.7430

51.9400, 0.2290,
1.3570

32.5030, 0.5020,
12.9340

55.4730, 0.0460,
-0.8340

28.3830, 0.9600,
15.6480

59.5930, -0.4120,
-3.5480

24.5510, 0.5470,
17.6270

63.4250, 0.0010,
-5.5270

■ 21.0180, 0.7300,
19.8180

■ 66.9580, -0.1820,
-7.7180

■ 16.8980, 1.1880,
22.5320

■ 71.0780, -0.6400,
-10.4320

■ 15.4250, 1.1420,
23.3660

■ 74.6110, -0.8230,
-12.6230

■ 79.0300, -0.6850,
-15.1250

Harmonies

Analogous

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



43.1010, -7.4740, 3.2940



43.9880, 0.2740, 6.0500



44.2230, 6.9220, 6.7140

Triad

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



43.9880, 0.2740, 6.0500



42.9210, 10.4080, -1.4000



39.4110, -14.5790, -5.6110

Complementary

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



43.9880, 0.2740, 6.0500



50.0120, -0.2740, -6.0500

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.



40.2930, -8.4350, -6.8270



43.9880, 0.2740, 6.0500



41.8880, 6.0070, -4.2410

Square

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



43.9880, 0.2740, 6.0500



43.6980, 12.6540, 1.9500



41.7130, -0.8700, -6.2620



39.9100, -17.4220, -3.6460

Rectangle

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



43.9880, 0.2740, 6.0500



44.5500, 10.3150, 5.7950



41.7130, -0.8700, -6.2620



39.6670, -12.4240, -6.1200

Sweetspot

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



43.9880, 0.2740, 6.0500



67.4670, 0.1830, 2.1910



45.1180, -6.1440, 1.2160



33.0540, -0.0920, 1.6680



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



43.9880, 0.2740, 6.0500



55.3950, 0.6860, 9.5980



45.6680, 4.1710, 7.0110



25.9400, 0.2290, 1.3570



26.3350, 2.0560, 39.8480



62.3410, 4.2010, 94.6090

Inverse Universe

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



44.8700, 6.4180, 4.8340



56.7180, 9.9020, 7.7740



48.3320, -4.1710, -7.0110



26.0110, 1.4670, 0.9470



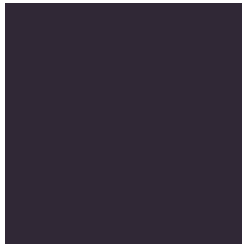
31.9540, 42.3130, 31.6330



76.1970, 100.3500, 75.6620

Previews

White Background



This preview shows how the YIQ color 43.9880, 0.2740, 6.0500 looks on a white background.

Color Contrast Check

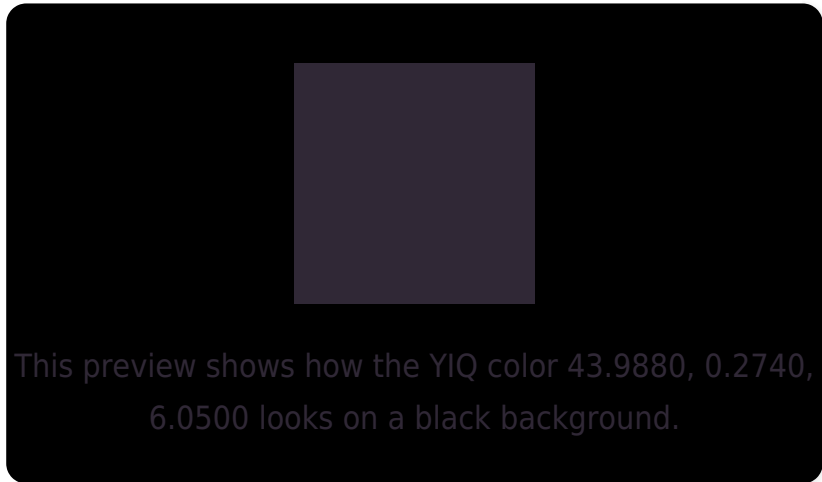
Large Text (above 18pt) WCAG AA ✓ Pass

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

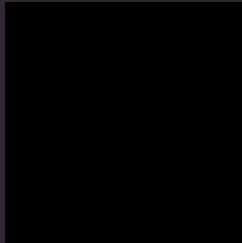
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.9880, 0.2740, 6.0500

Background



This preview shows how black text looks on a background with the YIQ color 43.9880, 0.2740, 6.0500.



This preview shows how white text looks on a background with the YIQ color 43.9880, 0.2740, 6.0500.

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

43.9880, 0.2740, 6.0500

Protanopia

43.5850, -5.9610, 3.4070

Deuteranopia

43.3680, -3.8520, 3.7320



Tritanopia

43.8370, 2.0170, 1.9930

Trichromacy



Original Color

43.9880, 0.2740, 6.0500

Protanomaly

43.7810, -3.5770, 4.2550

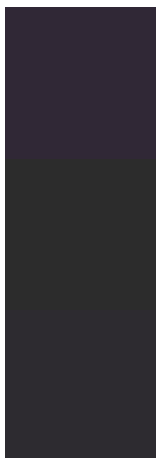
Deuteranomaly

43.3790, -2.3850, 4.6790

Tritanomaly

43.5920, 1.3290, 3.4490

Monochromacy



Original Color

43.9880, 0.2740, 6.0500

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.9880, 0.2740, 6.0500 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(48, 40, 54)` looks like.

```
.text, #text, p{  
    color:rgb(48, 40, 54)  
}
```

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(48, 40, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 40, 54) }
```

Border

The CSS property to change the border of an element to YIQ 43.9880, 0.2740, 6.0500 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(48, 40, 54) }
```

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

```
.border{ border-color:rgb(48, 40, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 40, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 40, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 40, 54);  
box-shadow:4px 4px 4px 4px rgb(48, 40, 54)  
}
```


Background

The CSS property to change the background color of an element to YIQ 43.9880, 0.2740, 6.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 40, 54) }
```

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

```
.background{ background-color: rgb(48, 40,  
54) }
```

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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