

Converting Colors

YIQ(44.0480, 0.0450, 4.6930)

Have a look what the booklet for
YIQ(44.0480, 0.0450, 4.6930)
contains.

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Color

YIQ(44.0480, 0.0450, 4.6930)

Conversions

Conversions Part 1

Format	Color
Hex	2F2934
RGB	47, 41, 52
RGB Percent	18%, 16%, 20%
CMY	0.8157, 0.8392, 0.7961
CMYK	0.10, 0.21, 0.00, 0.80
HSL	273°, 12%, 18%
HSV	273°, 21%, 20%
XYZ	2.5852, 2.4381, 3.5829
YIQ	44.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

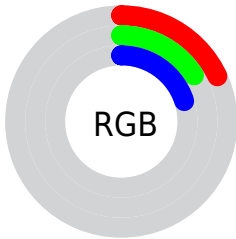
Format	Color
RYB	47, 41, 52
Decimal	3090740
CIELab	17.64, 5.38, -6.10
CIELCh	18, 8.133, 311.448
Yxy	2.4381, 0.3004, 0.2833
Android (android.graphics.Color)	4281280820 (0xFF2F2934)
YUV	44.0480, 3.9203, 2.5889
Hunter-Lab	15.6144, 2.2280, -2.6748

Details

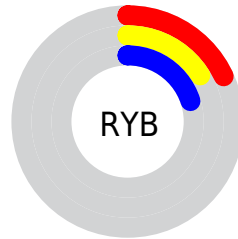
The YIQ color **44.0480, 0.0450, 4.6930** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.9520, -0.0450, -4.6930**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.4610, 0.3200, 5.2160**, and **0.5700, -1.6050, 1.5550** is the 20% darker color. If you saturate the color by 10%, you get **40.5150, 0.2280, 6.8840**, and if you desaturate by 10%, it is **47.5810, -0.1380, 2.5020**.

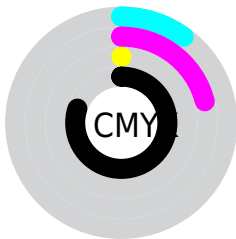
Distribution



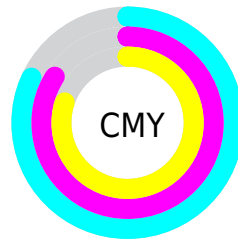
- Red (18%)
- Green (16%)
- Blue (20%)



- Red (18%)
- Yellow (16%)
- Blue (20%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.0480, 0.0450, 4.6930 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 44.0480, 0.0450, 4.6930 by changing the saturation by 10% instead.

■ 44.0480, 0.0450,
4.6930

■ 44.0480, 0.0450,
4.6930

■ 255.0000, -0.0000,
-0.0000

■ 23.6350, -0.2300,
4.1700

■ 89.4610, 0.3200,
5.2160

■ 0.5700, -1.6050,
1.5550

■ 113.8740, 0.5950,
5.7390

■ 0.0000, 0.0000,
0.0000

■ 139.5750, -0.0010,
5.5270

■ 165.9880, 0.2740,
6.0500

■ 192.9880, 0.2740,
6.0500

■ 220.9880, 0.2740,

6.0500

248.8310, 2.1540,
5.0180

44.0480, 0.0450,
4.6930

44.0480, 0.0450,
4.6930

40.5150, 0.2280,
6.8840

47.5810, -0.1380,
2.5020

36.6830, -0.1850,
8.8630

51.4130, 0.2750,
0.5230

32.5630, 0.2730,
11.5770

55.5330, -0.1830,
-2.1910

29.0300, 0.4560,
13.7680

59.0660, -0.3660,
-4.3820

25.1980, 0.0430,
15.7470

62.8980, 0.0470,
-6.3610

■ 21.6650, 0.2260,
17.9380

■ 66.4310, -0.1360,
-8.5520

■ 17.8330, -0.1870,
19.9170

■ 70.2630, 0.2770,
-10.5310

■ 14.3000, -0.0040,
22.1080

■ 74.3830, -0.1810,
-13.2450

■ 77.9160, -0.3640,
-15.4360

Harmonies

Analogous

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



43.1720, -6.2360, 2.8840



44.0480, 0.0450, 4.6930



44.6850, 5.5010, 4.9330

Triad

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



44.0480, 0.0450, 4.6930



43.5510, 8.5740, -1.2020



41.0910, -10.6820, -4.6500

Complementary

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



44.0480, 0.0450, 4.6930



48.9520, -0.0450, -4.6930

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.



41.0160, -6.0970, -5.1450



44.0480, 0.0450, 4.6930



42.9310, 4.4480, -3.5200

Square

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



44.0480, 0.0450, 4.6930



44.0290, 10.2240, 1.9360



41.9520, -0.0450, -4.6930



40.8890, -12.9290, -2.4730

Rectangle

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



44.0480, 0.0450, 4.6930



44.2400, 8.2520, 4.6360



41.9520, -0.0450, -4.6930



41.1620, -9.4440, -5.0600

Sweetspot

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



44.0480, 0.0450, 4.6930



66.0540, -0.0920, 1.6680



45.1890, -4.9060, 0.8060



33.9400, 0.2290, 1.3570



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.



44.0480, 0.0450, 4.6930



56.6290, -0.0930, 7.1950



45.5430, 3.0250, 5.7530



23.6410, -0.3670, 1.1450



24.7970, 0.6350, 38.0670



60.0200, 0.6710, 92.5030

Inverse Universe

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



44.8590, 4.9510, 3.8870



57.8810, 7.8850, 5.7810



47.4570, -3.0250, -5.7530



24.0110, 1.4670, 0.9470



31.2850, 39.8830, 31.6190



76.0550, 97.8740, 76.4820

Previews

White Background



This preview shows how the YIQ color 44.0480, 0.0450, 4.6930 looks on a white background.

Color Contrast Check

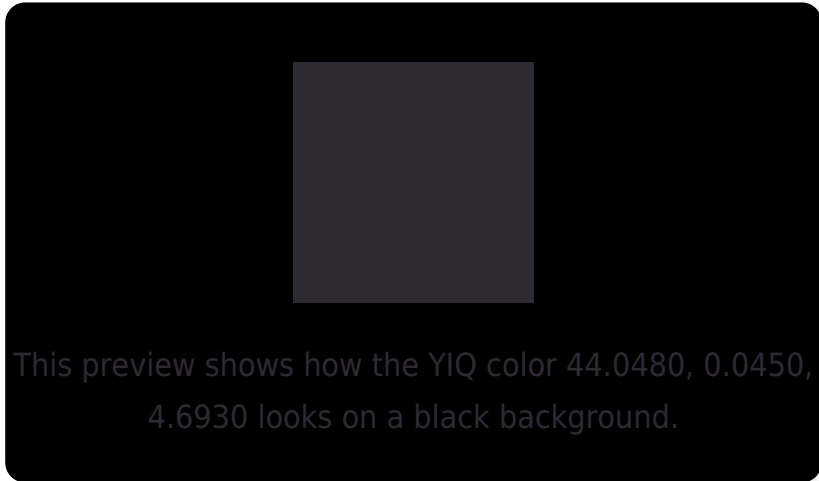
Large Text (above 18pt) WCAG AA ✓ Pass

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

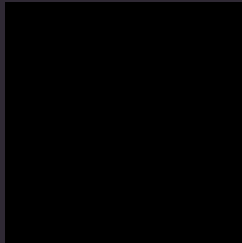
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.0480, 0.0450, 4.6930

Background



This preview shows how black text looks on a background with the YIQ color 44.0480, 0.0450, 4.6930.



This preview shows how white text looks on a background with the YIQ color 44.0480, 0.0450, 4.6930.

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

44.0480, 0.0450, 4.6930

Protanopia

43.5420, -4.4020, 2.6860

Deuteranopia

43.4390, -2.6140, 3.3220



Tritanopia

43.5380, 1.4210, 1.7810

Trichromacy



Original Color

44.0480, 0.0450, 4.6930

Protanomaly

43.5530, -2.9350, 3.6330

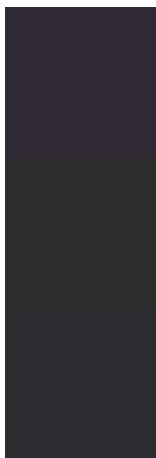
Deuteranomaly

43.7380, -2.0180, 3.5340

Tritanomaly

43.8800, 0.4580, 2.7140

Monochromacy



Original Color

44.0480, 0.0450, 4.6930

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.0480, 0.0450, 4.6930 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(47, 41, 52)` looks like.

```
.text, #text, p{  
    color:rgb(47, 41, 52)  
}
```

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(47, 41, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 41, 52) }
```

Border

The CSS property to change the border of an element to YIQ 44.0480, 0.0450, 4.6930 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(47, 41, 52) }
```

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

```
.border{ border-color:rgb(47, 41, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 41, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 41, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 41, 52);  
box-shadow:4px 4px 4px 4px rgb(47, 41, 52)  
}
```


Background

The CSS property to change the background color of an element to YIQ 44.0480, 0.0450, 4.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 41, 52) }
```

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

```
.background{ background-color: rgb(47, 41,  
52) }
```

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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