

Converting Colors

YIQ(77.8480, -5.6840, -7.1240)

Have a look what the booklet for
YIQ(77.8480, -5.6840, -7.1240)
contains.

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Color

**YIQ(77.8480, -5.6840,
-7.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	445448
RGB	68, 84, 72
RGB Percent	27%, 33%, 28%
CMY	0.7334, 0.6706, 0.7177
CMYK	0.19, 0.00, 0.14, 0.67
HSL	135°, 11%, 30%
HSV	135°, 19%, 33%
XYZ	6.7235, 8.0380, 7.3274
YIQ	77.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

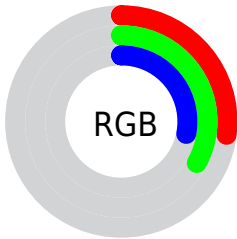
Format	Color
RYB	68, 81, 84
Decimal	4478024
CIELab	34.06, -9.00, 4.96
CIELCh	34, 10.276, 151.119
Yxy	8.0380, 0.3044, 0.3639
Android (android.graphics.Color)	4282668104 (0xFF445448)
YUV	77.8480, -2.8831, -8.6367
Hunter-Lab	28.3515, -7.2839, 4.5225

Details

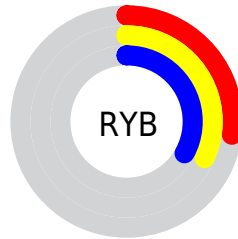
The YIQ color **77.8480, -5.6840, -7.1240** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.1520, 5.6840, 7.1240**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.0220, -6.2340, -8.1700**, and **33.6740, -5.1340, -6.0780** is the 20% darker color. If you saturate the color by 10%, you get **74.7720, -8.5260, -10.6860**, and if you desaturate by 10%, it is **80.9240, -2.8420, -3.5620**.

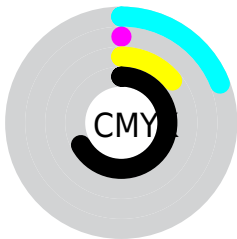
Distribution



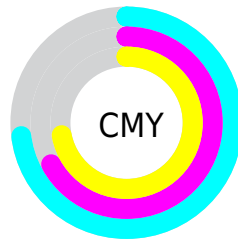
- Red (27%)
- Green (33%)
- Blue (28%)



- Red (27%)
- Yellow (32%)
- Blue (33%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (67%)



- Cyan (73%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.8480, -5.6840, -7.1240 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 77.8480, -5.6840, -7.1240 by changing the saturation by 10% instead.

■ 77.8480, -5.6840,
-7.1240

■ 77.8480, -5.6840,
-7.1240

■ 255.0000, -0.0000,
-0.0000

■ 55.2610, -5.4090,
-6.6010

■ 127.0220, -6.2340,
-8.1700

■ 33.6740, -5.1340,
-6.0780

■ 153.0220, -6.2340,
-8.1700

■ 11.3810, -5.8670,
-9.3150

■ 179.7230, -6.8300,
-8.3820

■ 0.0000, 0.0000,
0.0000

■ 207.0220, -6.2340,
-8.1700

■ 235.6090, -6.5090,
-8.6930

■ 254.1030, -1.7880,

-0.6360

■ 77.8480, -5.6840,
-7.1240

■ 77.8480, -5.6840,
-7.1240

■ 74.7720, -8.5260,
-10.6860

■ 80.9240, -2.8420,
-3.5620

■ 71.2830, -11.6430,
-14.7710

■ 84.4130, 0.2750,
0.5230

■ 68.2070, -14.4850,
-18.3330

■ 87.4890, 3.1170,
4.0850

■ 64.8320, -17.9230,
-22.1070

■ 90.8640, 6.5550,
7.8590

■ 61.7560, -20.7650,
-25.6690

■ 93.9400, 9.3970,
11.4210

■ 58.5660, -23.2860,
-29.5420

■ 97.1300, 11.9180,
15.2940

■ 55.1910, -26.7240,
-33.3160

■ 100.5050, 15.3560,
19.0680

■ 52.1150, -29.5660,
-36.8780

■ 103.5810, 18.1980,
22.6300

■ 51.7020, -29.8410,
-37.4010

■ 107.0700, 21.3150,
26.7150

Harmonies

Analogous

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



78.6810, 2.1560, -6.0360



77.8480, -5.6840, -7.1240



77.2540, -12.6990, -6.6430

Triad

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



77.8480, -5.6840, -7.1240



79.7200, -10.7750, 2.5450



81.2360, 14.0750, 3.7310

Complementary

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



77.8480, -5.6840, -7.1240



74.1520, 5.6840, 7.1240

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.



81.2620, 11.1860, 6.5300



77.8480, -5.6840, -7.1240



81.0200, -2.7520, 5.8240

Square

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



77.8480, -5.6840, -7.1240



77.9750, -16.0470, -1.0310



81.8530, 5.0880, 6.9120



80.5300, 13.0670, -0.0290

Rectangle

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



77.8480, -5.6840, -7.1240



77.0410, -16.4130, -5.4130



81.8530, 5.0880, 6.9120



81.5780, 13.1120, 4.6640

Sweetspot

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



77.8480, -5.6840, -7.1240



107.3370, -2.5670, -3.0390



80.9800, 2.7520, -5.8240



54.4620, -1.4210, -1.7810



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



77.8480, -5.6840, -7.1240



100.0600, -9.3970, -11.4210



78.7600, -8.2520, -4.6360



39.4620, -1.4210, -1.7810



64.5990, -37.2210, -46.8290



142.7960, -82.4180, -103.2980

Inverse Universe

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



74.1520, 5.6840, 7.1240



93.9400, 9.3970, 11.4210



73.2400, 8.2520, 4.6360



38.5380, 1.4210, 1.7810



40.2870, 37.5420, 46.5180



89.2040, 82.4180, 103.2980

Previews

White Background



This preview shows how the YIQ color 77.8480, -5.6840, -7.1240 looks on a white background.

Color Contrast Check

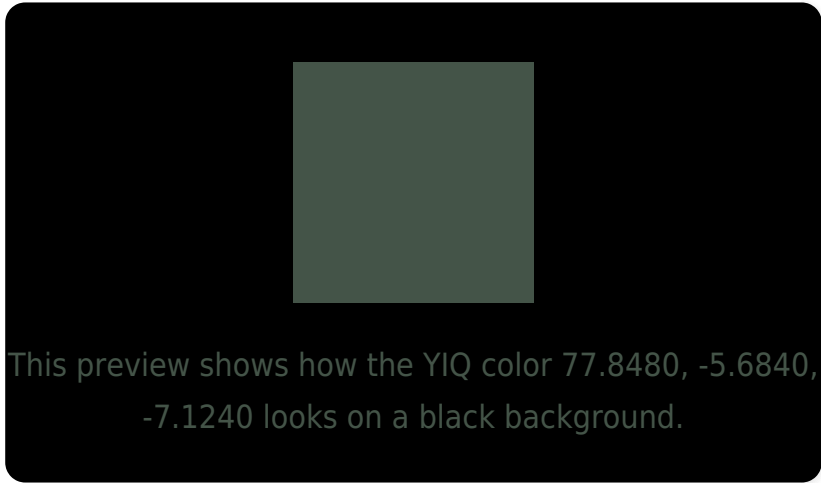
Large Text (above 18pt) WCAG AA ✓ Pass

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

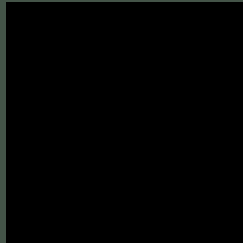
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.8480, -5.6840, -7.1240

Background



This preview shows how black text looks on a background with the YIQ color 77.8480, -5.6840, -7.1240.



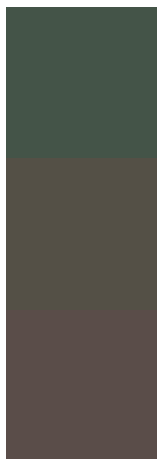
This preview shows how white text looks on a background with the YIQ color 77.8480, -5.6840, -7.1240.

-7.1240.

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

77.8480, -5.6840, -7.1240

Protanopia

80.0560, 5.5940, -2.2620

Deuteranopia

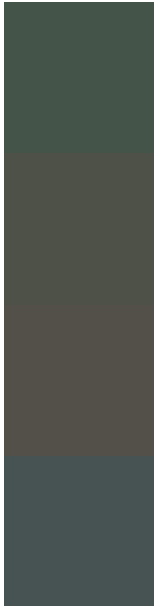
80.4310, 9.0320, 1.5120



Tritanopia

79.3950, -8.4820, -0.4660

Trichromacy



Original Color

77.8480, -5.6840, -7.1240

Protanomaly

78.9630, 1.4220, -3.7460

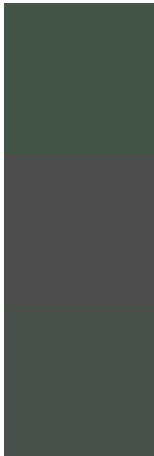
Deuteranomaly

79.8000, 3.4390, -1.7530

Tritanomaly

78.9990, -7.4270, -3.0670

Monochromacy



Original Color

77.8480, -5.6840, -7.1240

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.7500, -2.2920, -2.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.8480, -5.6840, -7.1240 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(68, 84, 72)` looks like.

```
.text, #text, p{  
    color:rgb(68, 84, 72)  
}
```

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(68, 84, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 84, 72) }
```

Border

The CSS property to change the border of an element to YIQ 77.8480, -5.6840, -7.1240 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(68, 84, 72) }
```


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

```
.border{ border-color:rgb(68, 84, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 84, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 84, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 84, 72);  
box-shadow:4px 4px 4px 4px rgb(68, 84, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.8480, -5.6840, -7.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 84, 72) }
```

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

```
.background{ background-color: rgb(68, 84,  
72) }
```

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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