

Converting Colors

YIQ(61.7070, 8.4350, 6.8270)

Have a look what the booklet for
YIQ(61.7070, 8.4350, 6.8270)
contains.

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Color

YIQ(61.7070, 8.4350, 6.8270)

Conversions

Conversions Part 1

Format	Color
Hex	4A3740
RGB	74, 55, 64
RGB Percent	29%, 22%, 25%
CMY	0.7098, 0.7843, 0.7490
CMYK	0.00, 0.26, 0.14, 0.71
HSL	332°, 15%, 25%
HSV	332°, 26%, 29%
XYZ	5.1165, 4.5582, 5.4617
YIQ	61.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

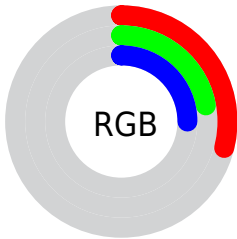
Format	Color
R_YB	74, 55, 64
Decimal	4863808
CIE Lab	25.44, 10.18, -2.32
CIE LCh	25, 10.442, 347.185
Yxy	4.5582, 0.3380, 0.3011
Android (android.graphics.Color)	4283053888 (0xFF4A3740)
YUV	61.7070, 1.1304, 10.7810
Hunter-Lab	21.3500, 5.4144, -0.2223

Details

The YIQ color **61.7070, 8.4350, 6.8270** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.2930, -8.4350, -6.8270**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **109.4190, 9.3060, 7.5620**, and **18.5220, 7.5180, 6.9260** is the 20% darker color. If you saturate the color by 10%, you get **57.1420, 11.6440, 9.2440**, and if you desaturate by 10%, it is **66.2720, 5.2260, 4.4100**.

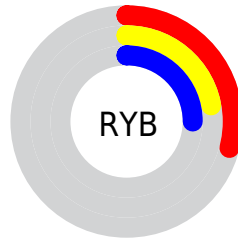
Distribution



Red (29%)

Green (22%)

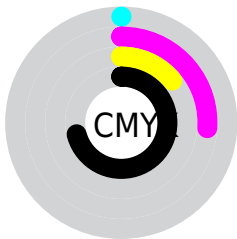
Blue (25%)



Red (29%)

Yellow (22%)

Blue (25%)

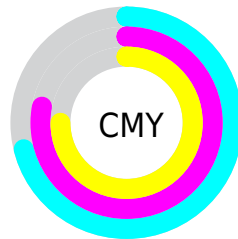


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.7070, 8.4350, 6.8270 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 61.7070, 8.4350, 6.8270 by changing the saturation by 10% instead.

■ 61.7070, 8.4350,
6.8270

■ 61.7070, 8.4350,
6.8270

■ 255.0000, -0.0000,
-0.0000

■ 39.4080, 7.8390,
6.6150

■ 109.4190, 9.3060,
7.5620

■ 18.5220, 7.5180,
6.9260

■ 134.7180, 9.9020,
7.7740

■ 0.0000, 0.0000,
0.0000

■ 161.0170, 10.4980,
7.9860

■ 188.0170, 10.4980,
7.9860

■ 215.4300, 10.7730,
8.5090

■ 242.9350, 7.7930,

7.4490

■ 61.7070, 8.4350,
6.8270

■ 61.7070, 8.4350,
6.8270

■ 57.1420, 11.6440,
9.2440

■ 66.2720, 5.2260,
4.4100

■ 51.9900, 15.1280,
12.1840

■ 71.4240, 1.7420,
1.4700

■ 47.4250, 18.3370,
14.6010

■ 75.9890, -1.4670,
-0.9470

■ 42.2730, 21.8210,
17.5410

■ 81.1410, -4.9510,
-3.8870

■ 37.8220, 24.7090,
20.2690

■ 85.5920, -7.8390,
-6.6150

■ 33.2570, 27.9180,
22.6860

■ 90.1570, -11.0480,
-9.0320

■ 28.1050, 31.4020,
25.6260

■ 95.3090, -14.5320,
-11.9720

■ 26.1160, 32.8690,
26.5730

■ 99.8740, -17.7410,
-14.3890

■ 105.0260,
-21.2250, -17.3290

Harmonies

Analogous

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



61.5860, 1.4660, 6.4740



61.7070, 8.4350, 6.8270



61.6920, 12.7910, 4.9750

Triad

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



61.7070, 8.4350, 6.8270



59.4750, 5.7320, -4.7640



57.4370, -17.4680, -2.8120

Complementary

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



61.7070, 8.4350, 6.8270



67.2930, -8.4350, -6.8270

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.



57.2260, -15.4960, -5.5120



61.7070, 8.4350, 6.8270



58.1150, -2.0620, -6.6860

Square

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



61.7070, 8.4350, 6.8270



60.3940, 10.4540, -2.2340



57.8090, -9.9480, -6.9400



58.9970, -13.1130, 0.8630

Rectangle

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



61.7070, 8.4350, 6.8270



61.4100, 13.5250, 2.6850



57.8090, -9.9480, -6.9400



56.9100, -17.4220, -3.6460

Sweetspot

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



61.7070, 8.4350, 6.8270



91.8480, 3.4840, 2.9400



60.1560, -0.1390, 8.0290



45.4240, 1.7420, 1.4700



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.



61.7070, 8.4350, 6.8270



77.5660, 13.3860, 10.7140



60.6810, 11.3240, 4.0280



35.4240, 1.7420, 1.4700



35.9700, 45.3840, 36.5520



81.1960, 102.0910, 82.6590

Inverse Universe

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



61.7070, 8.4350, 6.8270



77.5660, 13.3860, 10.7140



68.3190, -11.3240, -4.0280



35.4240, 1.7420, 1.4700



35.9700, 45.3840, 36.5520



81.1960, 102.0910, 82.6590

Previews

White Background



This preview shows how the YIQ color 61.7070, 8.4350, 6.8270 looks on a white background.

Color Contrast Check

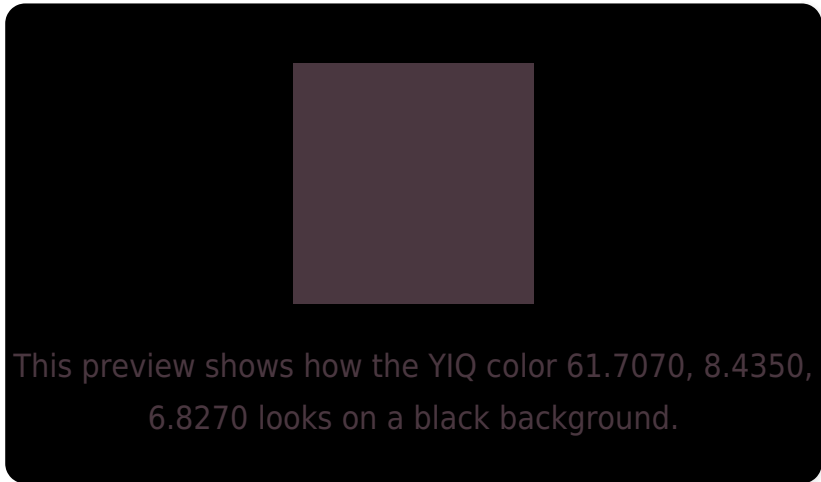
Large Text (above 18pt) WCAG AA ✓ Pass

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

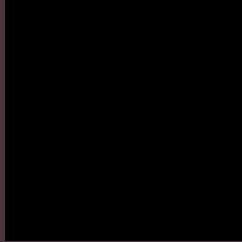
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.7070, 8.4350, 6.8270

Background



This preview shows how black text looks on a background with the YIQ color 61.7070, 8.4350, 6.8270.

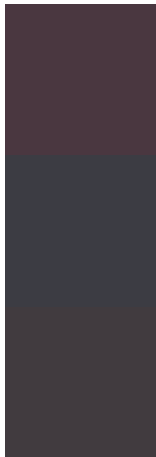


This preview shows how white text looks on a background with the YIQ color 61.7070, 8.4350, 6.8270.

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

61.7070, 8.4350, 6.8270

Protanopia

60.7980, -2.2470, 2.1770

Deuteranopia

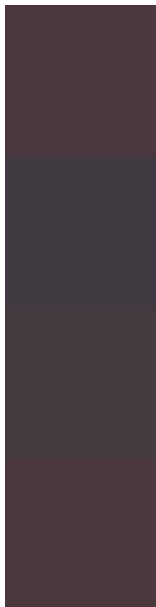
61.2500, 2.2920, 2.5160



Tritanopia

61.8380, 9.4440, 5.0600

Trichromacy



Original Color

61.7070, 8.4350, 6.8270

Protanomaly

61.0050, 1.6040, 3.9720

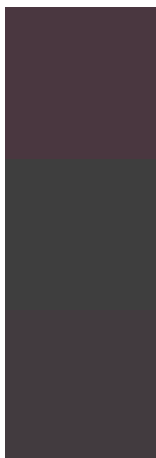
Deuteranomaly

61.5600, 4.3550, 3.6750

Tritanomaly

61.9520, 9.1230, 5.3710

Monochromacy



Original Color

61.7070, 8.4350, 6.8270

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.5490, 2.8880, 2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.7070, 8.4350, 6.8270 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, 55, 64)` looks like.

```
.text, #text, p{  
    color:rgb(74, 55, 64)  
}
```

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, 55, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 55, 64) }
```

Border

The CSS property to change the border of an element to YIQ 61.7070, 8.4350, 6.8270 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, 55, 64) }
```

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

```
.border{ border-color:rgb(74, 55, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 55, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 55, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 55, 64);  
box-shadow:4px 4px 4px 4px rgb(74, 55, 64)  
}
```


Background

The CSS property to change the background color of an element to YIQ 61.7070, 8.4350, 6.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 55, 64) }
```

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

```
.background{ background-color: rgb(74, 55,  
64) }
```

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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