

Converting Colors

YIQ(85.8850, -7.1060, -3.3780)

Have a look what the booklet for
YIQ(85.8850, -7.1060, -3.3780)
contains.

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Color

**YIQ(85.8850, -7.1060,
-3.3780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4D5A58 |
| RGB | 77, 90, 88 |
| RGB Percent | 30%, 35%, 35% |
| CMY | 0.6981, 0.6470, 0.6549 |
| CMYK | 0.14, 0.00, 0.02, 0.65 |
| HSL | 171°, 8%, 33% |
| HSV | 171°, 14%, 35% |
| XYZ | 8.4777, 9.5952, 10.6363 |
| YIQ | 85.8850, -7.1060, -3.3780 |

Conversions

Conversions Part 2

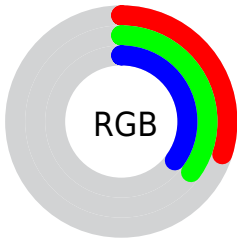
| Format | Color |
|-------------------------------------|-----------------------------|
| R_YB | 77, 84, 90 |
| Decimal | 5069400 |
| CIE Lab | 37.11, -5.50, -0.55 |
| CIE LCh | 37, 5.532, 185.687 |
| Yxy | 9.5952, 0.2953, 0.3342 |
| Android (android.graphics.Color) | 4283259480 (0xFF4D5A58) |
| YUV | 85.8850, 1.0427, -7.7921 |
| Hunter-Lab | 30.9761, -5.3552, 1.3248 |

Details

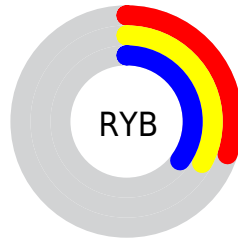
The YIQ color **85.8850, -7.1060, -3.3780** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.1150, 7.1060, 3.3780**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.5860, -7.7020, -3.5900**, and **40.5970, -6.2350, -2.6430** is the 20% darker color. If you saturate the color by 10%, you get **83.0800, -12.1490, -5.5970**, and if you desaturate by 10%, it is **88.6900, -2.0630, -1.1590**.

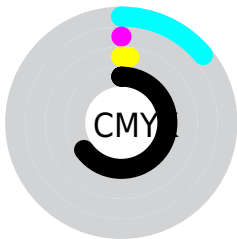
Distribution



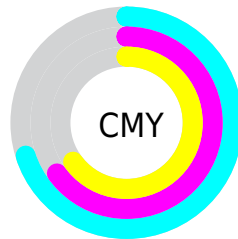
- Red (30%)
- Green (35%)
- Blue (35%)



- Red (30%)
- Yellow (33%)
- Blue (35%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.8850, -7.1060, -3.3780 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 85.8850, -7.1060, -3.3780 by changing the saturation by 10% instead.

■ 85.8850, -7.1060,
-3.3780

■ 85.8850, -7.1060,
-3.3780

■ 255.0000, -0.0000,
-0.0000

■ 62.8850, -7.1060,
-3.3780

■ 135.5860, -7.7020,
-3.5900

■ 40.5970, -6.2350,
-2.6430

■ 161.5860, -7.7020,
-3.5900

■ 19.8850, -7.1060,
-3.3780

■ 189.1730, -7.9770,
-4.1130

■ 0.0000, 0.0000,
0.0000

■ 216.2870, -8.2980,
-3.8020

■ 245.1730, -7.9770,
-4.1130

■ 85.8850, -7.1060,
-3.3780

■ 85.8850, -7.1060,
-3.3780

■ 83.0800, -12.1490,
-5.5970

■ 88.6900, -2.0630,
-1.1590

■ 80.1610, -16.8710,
-8.1270

■ 91.6090, 2.6590,
1.3710

■ 77.3560, -21.9140,
-10.3460

■ 94.4140, 7.7020,
3.5900

■ 74.4370, -26.6360,
-12.8760

■ 97.3330, 12.4240,
6.1200

■ 71.6320, -31.6790,
-15.0950

■ 100.1380, 17.4670,
8.3390

■ 68.8270, -36.7220,
-17.3140

■ 102.9430, 22.5100,
10.5580

■ 65.9080, -41.4440,
-19.8440

■ 105.8620, 27.2320,
13.0880

■ 63.1030, -46.4870,

■ 108.6670, 32.2750,

-22.0630

15.3070

■ 61.4940, -49.1460,
-23.4340

■ 111.5860, 36.9970,
17.8370

Harmonies

Analogous

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



86.2120, -3.7130, -4.2970



85.8850, -7.1060, -3.3780



86.0420, -8.9860, -2.3460

Triad

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



85.8850, -7.1060, -3.3780



87.9230, -1.1010, 3.4350



87.5940, 7.0150, -0.4810

Complementary

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



85.8850, -7.1060, -3.3780



81.1150, 7.1060, 3.3780

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.



88.2460, 8.1150, 1.6110



85.8850, -7.1060, -3.3780



88.3750, 3.4380, 3.7740

Square

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



85.8850, -7.1060, -3.3780



87.1290, -4.6770, 2.1630



88.2290, 6.7850, 3.6890



86.8710, 4.6770, -2.1630

Rectangle

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



85.8850, -7.1060, -3.3780



86.2810, -8.1610, -0.7770



88.2290, 6.7850, 3.6890



87.4200, 7.5650, 0.5650

Sweetspot

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



85.8850, -7.1060, -3.3780



115.8040, -2.3840, -0.8480



85.2290, -2.3830, -6.3750



57.9890, -1.4670, -0.9470



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



85.8850, -7.1060, -3.3780



110.6780, -10.9570, -5.1730



83.7650, -6.6480, -0.6640



44.3910, -2.6590, -1.3710



75.1720, -60.1030, -28.6070



161.9190, -129.3750, -61.7510

Inverse Universe

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



81.1150, 7.1060, 3.3780



103.3220, 10.9570, 5.1730



83.2350, 6.6480, 0.6640



42.6090, 2.6590, 1.3710



34.8280, 60.1030, 28.6070



75.0810, 129.3750, 61.7510

Previews

White Background



This preview shows how the YIQ color 85.8850, -7.1060, -3.3780 looks on a white background.

Color Contrast Check

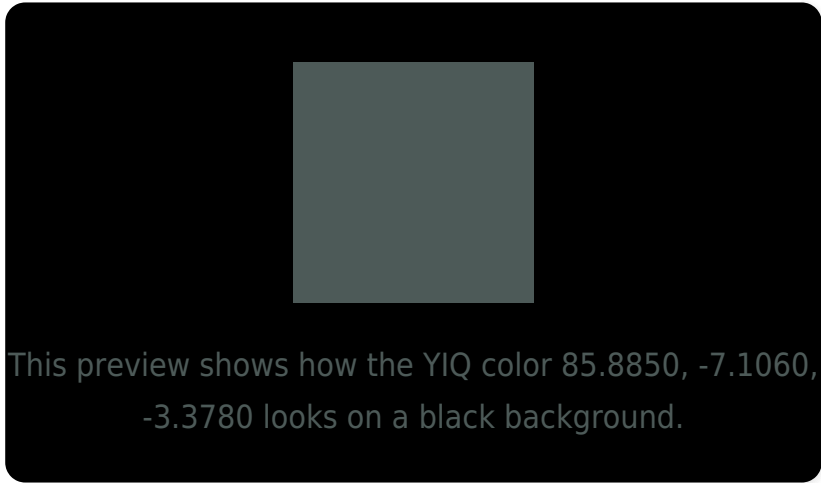
Large Text (above 18pt) WCAG AA ✓ Pass

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

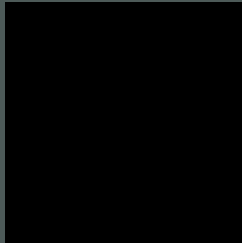
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.8850, -7.1060, -3.3780

Background



This preview shows how black text looks on a background with the YIQ color 85.8850, -7.1060, -3.3780.



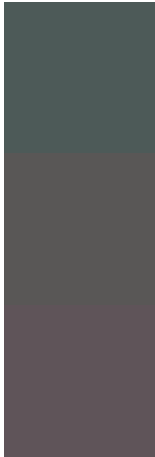
This preview shows how white text looks on a background with the YIQ color 85.8850, -7.1060, -3.3780.

-3.3780.

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

85.8850, -7.1060, -3.3780

Protanopia

87.4840, 1.5130, 0.1130

Deuteranopia

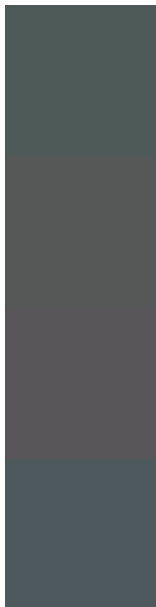
87.8590, 4.9510, 3.8870



Tritanopia

86.5090, -8.8030, -0.1550

Trichromacy



Original Color

85.8850, -7.1060, -3.3780

Protanomaly

86.9890, -1.4670, -0.9470

Deuteranomaly

86.9400, 0.2290, 1.3570

Tritanomaly

86.1670, -7.8400, -1.0880

Monochromacy



Original Color

85.8850, -7.1060, -3.3780

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.8850, -7.1060, -3.3780 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(77, 90, 88)` looks like.

```
.text, #text, p{  
    color:rgb(77, 90, 88)  
}
```

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(77, 90, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 90, 88) }
```

Border

The CSS property to change the border of an element to YIQ 85.8850, -7.1060, -3.3780 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(77, 90, 88) }
```


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

```
.border{ border-color:rgb(77, 90, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 90, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 90, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 90, 88);  
box-shadow:4px 4px 4px 4px rgb(77, 90, 88)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.8850, -7.1060, -3.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 90, 88) }
```

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

```
.background{ background-color: rgb(77, 90,  
88) }
```

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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