

Converting Colors

YIQ(57.7880, 3.7130, 4.2970)

Have a look what the booklet for
YIQ(57.7880, 3.7130, 4.2970)
contains.

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Color

YIQ(57.7880, 3.7130, 4.2970)

Conversions

Conversions Part 1

Format	Color
Hex	40363D
RGB	64, 54, 61
RGB Percent	25%, 21%, 24%
CMY	0.7490, 0.7882, 0.7608
CMYK	0.00, 0.16, 0.05, 0.75
HSL	318°, 8%, 23%
HSV	318°, 16%, 25%
XYZ	4.2762, 4.0651, 4.9745
YIQ	57.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

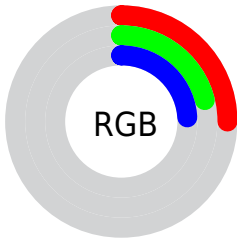
Format	Color
R_{YB}	64, 54, 61
Decimal	4208189
CIE Lab	23.89, 5.91, -2.73
CIE LCh	24, 6.511, 335.213
Yxy	4.0651, 0.3211, 0.3053
Android (android.graphics.Color)	4282398269 (0xFF40363D)
YUV	57.7880, 1.5835, 5.4479
Hunter-Lab	20.1621, 2.5741, -0.5148

Details

The YIQ color **57.7880, 3.7130, 4.2970** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.2120, -3.7130, -4.2970**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0870, 4.3090, 4.5090**, and **14.6140, 4.2630, 5.3430** is the 20% darker color. If you saturate the color by 10%, you get **54.0380, 6.0050, 6.8130**, and if you desaturate by 10%, it is **61.5380, 1.4210, 1.7810**.

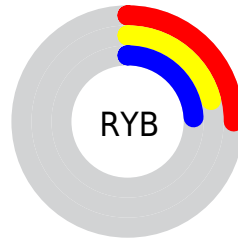
Distribution



Red (25%)

Green (21%)

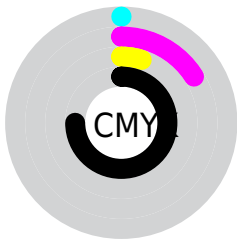
Blue (24%)



Red (25%)

Yellow (21%)

Blue (24%)

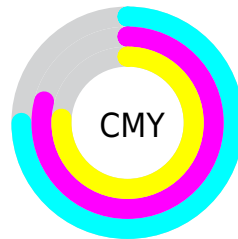


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (75%)



Cyan (75%)

Magenta (79%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7880, 3.7130, 4.2970 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 57.7880, 3.7130, 4.2970 by changing the saturation by 10% instead.

■ 57.7880, 3.7130,
4.2970

■ 57.7880, 3.7130,
4.2970

■ 255.0000, -0.0000,
-0.0000

■ 36.3750, 3.4380,
3.7740

■ 105.0870, 4.3090,
4.5090

■ 14.6140, 4.2630,
5.3430

■ 130.2010, 3.9880,
4.8200

■ 0.0000, 0.0000,
0.0000

■ 156.2010, 3.9880,
4.8200

■ 182.9130, 4.8590,
5.5550

■ 210.5000, 4.5840,
5.0320

■ 238.9130, 4.8590,

5.5550

■ 57.7880, 3.7130,
4.2970

■ 57.7880, 3.7130,
4.2970

■ 54.0380, 6.0050,
6.8130

■ 61.5380, 1.4210,
1.7810

■ 49.7010, 8.5720,
9.8520

■ 65.8750, -1.1460,
-1.2580

■ 45.9510, 10.8640,
12.3680

■ 69.6250, -3.4380,
-3.7740

■ 41.6140, 13.4310,
15.4070

■ 73.9620, -6.0050,
-6.8130

■ 37.8640, 15.7230,
17.9230

■ 77.7120, -8.2970,
-9.3290

■ 34.1140, 18.0150,
20.4390

■ 81.4620, -10.5890,
-11.8450

■ 29.8910, 20.2610,
23.7890

■ 85.6850, -12.8350,
-15.1950

■ 26.1410, 22.5530,
26.3050

■ 89.4350, -15.1270,
-17.7110

■ 24.2660, 23.6990,
27.5630

■ 93.7720, -17.6940,
-20.7500

Harmonies

Analogous

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



57.3360, -0.8260, 3.9580



57.7880, 3.7130, 4.2970



57.5280, 7.3810, 3.9010

Triad

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



57.7880, 3.7130, 4.2970



56.7570, 4.9980, -2.4740



54.8570, -9.9030, -2.2470

Complementary

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



57.7880, 3.7130, 4.2970



60.2120, -3.7130, -4.2970

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.



55.2870, -8.2980, -3.8020



57.7880, 3.7130, 4.2970



55.7780, 0.5050, -3.6470

Square

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



57.7880, 3.7130, 4.2970



56.8930, 7.6110, -0.2690



55.3260, -4.0340, -3.9860



55.6230, -9.1240, 0.1560

Rectangle

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



57.7880, 3.7130, 4.2970



57.7730, 8.0690, 2.4450



55.3260, -4.0340, -3.9860



55.3300, -9.8570, -3.0810

Sweetspot

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



57.7880, 3.7130, 4.2970



81.5380, 1.4210, 1.7810



56.0370, -1.4220, 3.7460



41.8260, 0.5500, 1.0460



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



57.7880, 3.7130, 4.2970



74.0380, 6.0050, 6.8130



57.2180, 5.3180, 2.7420



31.1250, 1.1460, 1.2580



36.7550, 35.9840, 41.7120



84.8740, 83.1070, 96.3150

Inverse Universe

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



57.7880, 3.7130, 4.2970



74.0380, 6.0050, 6.8130



60.7820, -5.3180, -2.7420



31.1250, 1.1460, 1.2580



36.7550, 35.9840, 41.7120



84.8740, 83.1070, 96.3150

Previews

White Background



This preview shows how the YIQ color 57.7880, 3.7130, 4.2970 looks on a white background.

Color Contrast Check

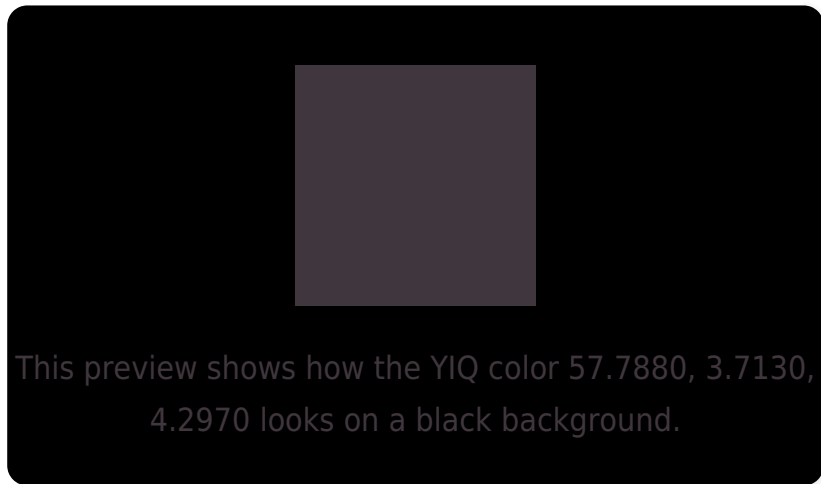
Large Text (above 18pt) WCAG AA ✓ Pass

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

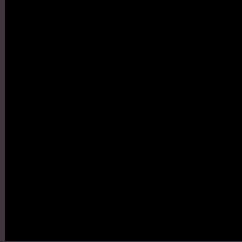
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.7880, 3.7130, 4.2970

Background



This preview shows how black text looks on a background with the YIQ color 57.7880, 3.7130, 4.2970.

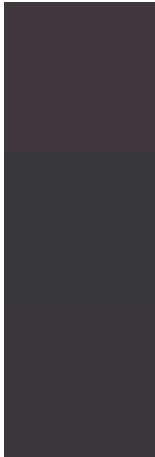


This preview shows how white text looks on a background with the YIQ color 57.7880, 3.7130, 4.2970.

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

57.7880, 3.7130, 4.2970

Protanopia

57.3850, -2.5220, 1.6540

Deuteranopia

57.4780, 1.6500, 3.1380



Tritanopia

57.5600, 4.3550, 3.6750

Trichromacy



Original Color

57.7880, 3.7130, 4.2970

Protanomaly

57.5810, -0.1380, 2.5020

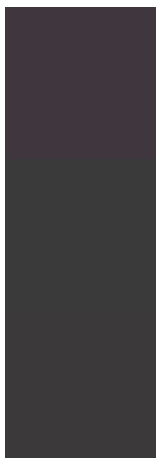
Deuteranomaly

57.7770, 2.2460, 3.3500

Tritanomaly

57.6740, 4.0340, 3.9860

Monochromacy



Original Color

57.7880, 3.7130, 4.2970

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7880, 3.7130, 4.2970 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(64, 54, 61)` looks like.

```
.text, #text, p{  
    color:rgb(64, 54, 61)  
}
```

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(64, 54, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 54, 61) }
```

Border

The CSS property to change the border of an element to YIQ 57.7880, 3.7130, 4.2970 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(64, 54, 61) }
```

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

```
.border{ border-color:rgb(64, 54, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 54, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 54, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 54, 61);  
box-shadow:4px 4px 4px 4px rgb(64, 54, 61)  
}
```


Background

The CSS property to change the background color of an element to YIQ 57.7880, 3.7130, 4.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 54, 61) }
```

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

```
.background{ background-color: rgb(64, 54,  
61) }
```

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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