

Converting Colors

YIQ(63.6070, -3.0270, 5.3010)

Have a look what the booklet for
YIQ(63.6070, -3.0270, 5.3010)
contains.

YIQ(63.6070, -3.0270, 5.3010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(63.6070, -3.0270,
5.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	403D4C
RGB	64, 61, 76
RGB Percent	25%, 24%, 30%
CMY	0.7490, 0.7608, 0.7020
CMYK	0.16, 0.20, 0.00, 0.70
HSL	252°, 11%, 27%
HSV	252°, 20%, 30%
XYZ	5.0876, 4.9492, 7.5235
YIQ	63.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

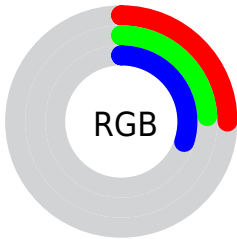
Format	Color
RYB	64, 61, 76
Decimal	4209996
CIELab	26.59, 4.86, -8.64
CIELCh	27, 9.912, 299.355
Yxy	4.9492, 0.2897, 0.2818
Android (android.graphics.Color)	4282400076 (0xFF403D4C)
YUV	63.6070, 6.1097, 0.3447
Hunter-Lab	22.2468, 1.8891, -4.4782

Details

The YIQ color **63.6070, -3.0270, 5.3010** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.3930, 3.0270, -5.3010**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.1340, -3.0730, 6.1350**, and **21.3790, -2.3850, 4.6790** is the 20% darker color. If you saturate the color by 10%, you get **57.1170, -4.4030, 8.2130**, and if you desaturate by 10%, it is **70.0970, -1.6510, 2.3890**.

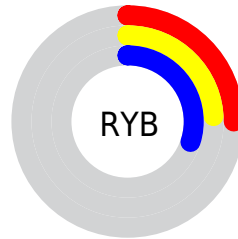
Distribution



 Red (25%)

 Green (24%)

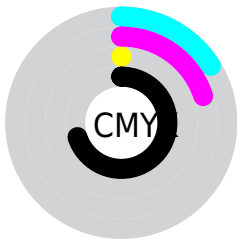
 Blue (30%)



 Red (25%)

 Yellow (24%)

 Blue (30%)

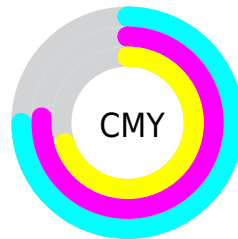


 Cyan (16%)

 Magenta (20%)

 Yellow (0%)

 Black (70%)



 Cyan (75%)

 Magenta (76%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.6070, -3.0270, 5.3010 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 63.6070, -3.0270, 5.3010 by changing the saturation by 10% instead.

■ 63.6070, -3.0270,
5.3010

■ 63.6070, -3.0270,
5.3010

■ 255.0000, -0.0000,
-0.0000

■ 41.4930, -2.7060,
4.9900

■ 111.1340, -3.0730,
6.1350

■ 21.3790, -2.3850,
4.6790

■ 136.8350, -3.6690,
5.9230

■ 0.7980, -2.2470,
2.1770

■ 163.1340, -3.0730,
6.1350

■ 0.0000, 0.0000,
0.0000

■ 190.2480, -3.3940,
6.4460

■ 217.6610, -3.1190,
6.9690

■ 245.5640, -1.4680,

4.5800

■ 63.6070, -3.0270,
5.3010

■ 63.6070, -3.0270,
5.3010

■ 57.1170, -4.4030,
8.2130

■ 70.0970, -1.6510,
2.3890

■ 51.2140, -6.0540,
10.6020

■ 76.0000, -0.0000,
-0.0000

■ 44.7240, -7.4300,
13.5140

■ 82.4900, 1.3760,
-2.9120

■ 38.8210, -9.0810,
15.9030

■ 88.3930, 3.0270,
-5.3010

■ 32.3310, -10.4570,
18.8150

■ 94.8830, 4.4030,
-8.2130

■ 25.8410, -11.8330,
21.7270

■ 101.3730, 5.7790,
-11.1250

■ 19.6390, -14.0800,
23.9040

■ 107.5750, 8.0260,
-13.3020

■ 13.1490, -15.4560,
26.8160

■ 114.0650, 9.4020,
-16.2140

■ 119.9680, 11.0530,
-18.6030

Harmonies

Analogous

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



62.6060, -10.4540, 2.2340



63.6070, -3.0270, 5.3010



64.5540, 4.4920, 6.7000

Triad

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



63.6070, -3.0270, 5.3010



63.3450, 12.1500, 0.0700



59.8520, -11.5070, -6.2190

Complementary

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



63.6070, -3.0270, 5.3010



73.3930, 3.0270, -5.3010

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.



60.5600, -4.8130, -6.3890



63.6070, -3.0270, 5.3010



62.4970, 8.6660, -2.8700

Square

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



63.6070, -3.0270, 5.3010



63.7520, 12.5620, 3.6180



62.0940, 2.4310, -5.5130



59.8670, -15.8630, -4.3670

Rectangle

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



63.6070, -3.0270, 5.3010



64.2940, 8.1600, 6.3040



62.0940, 2.4310, -5.5130



60.2220, -9.6730, -6.4170

Sweetspot

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



63.6070, -3.0270, 5.3010



94.2820, -0.7340, 2.2900



69.7540, -8.1150, -1.6110



47.7550, -0.6880, 1.4560



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



63.6070, -3.0270, 5.3010



79.8180, -4.9990, 8.0010



65.7000, 1.1450, 6.7850



34.7550, -0.6880, 1.4560



17.6080, -20.8220, 35.9620



39.9740, -46.4140, 81.2820

Inverse Universe

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



66.8530, 5.0880, 6.9120



85.0430, 7.6090, 10.7850



71.0010, -1.7410, -6.9970



35.5380, 1.4210, 1.7810



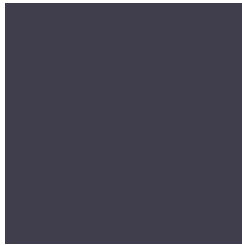
39.8460, 34.4700, 47.1260



89.7460, 78.0160, 105.9840

Previews

White Background



This preview shows how the YIQ color 63.6070, -3.0270, 5.3010 looks on a white background.

Color Contrast Check

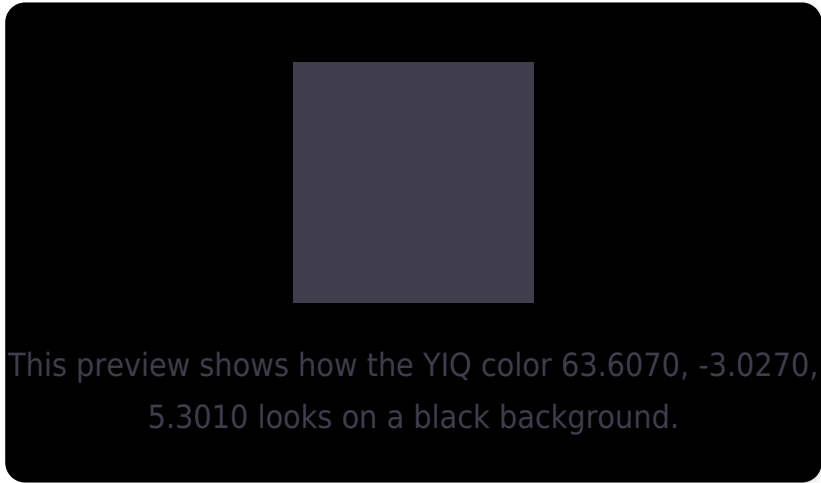
Large Text (above 18pt) WCAG AA ✓ Pass

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

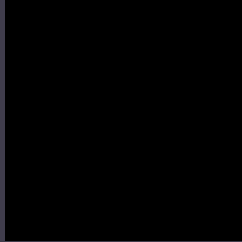
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.6070, -3.0270, 5.3010

Background



This preview shows how black text looks on a background with the YIQ color 63.6070, -3.0270, 5.3010.

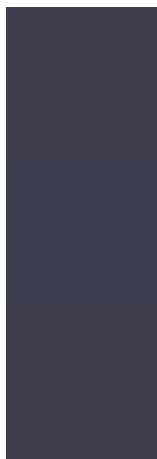


This preview shows how white text looks on a background with the YIQ color 63.6070, -3.0270,

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

63.6070, -3.0270, 5.3010

Protanopia

63.1120, -6.0070, 4.2410

Deuteranopia

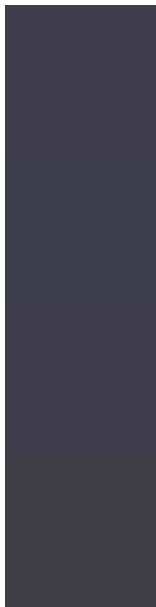
63.3080, -3.6230, 5.0890



Tritanopia

63.4560, -1.2840, 1.2440

Trichromacy



Original Color

63.6070, -3.0270, 5.3010

Protanomaly

63.4110, -5.4110, 4.4530

Deuteranomaly

63.3080, -3.6230, 5.0890

Tritanomaly

63.2110, -1.9720, 2.7000

Monochromacy



Original Color

63.6070, -3.0270, 5.3010

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6070, -3.0270, 5.3010 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, 61, 76)` looks like.

```
.text, #text, p{  
    color:rgb(64, 61, 76)  
}
```

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, 61, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 61, 76) }
```

Border

The CSS property to change the border of an element to YIQ 63.6070, -3.0270, 5.3010 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, 61, 76) }
```


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

```
.border{ border-color:rgb(64, 61, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 61, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 61, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 61, 76);  
box-shadow:4px 4px 4px 4px rgb(64, 61, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.6070, -3.0270, 5.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 61, 76) }
```

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

```
.background{ background-color: rgb(64, 61,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor