

# Converting Colors

YIQ(57.1630, -2.0170, -1.9930)

Have a look what the booklet for  
YIQ(57.1630, -2.0170, -1.9930)  
contains.

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# Color

**YIQ(57.1630, -2.0170,  
-1.9930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	363B38
RGB	54, 59, 56
RGB Percent	21%, 23%, 22%
CMY	0.7882, 0.7686, 0.7804
CMYK	0.08, 0.00, 0.05, 0.77
HSL	144°, 4%, 22%
HSV	144°, 8%, 23%
XYZ	3.7990, 4.1978, 4.3512
YIQ	57.1630, -2.0170, -1.9930

# Conversions

## Conversions Part 2

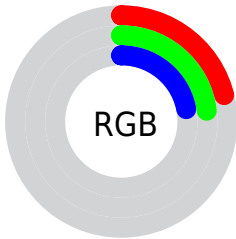
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 58, 59
Decimal	3554104
CIE Lab	24.31, -2.82, 1.13
CIE LCh	24, 3.036, 158.128
Yxy	4.1978, 0.3077, 0.3400
Android (android.graphics.Color)	4281744184 (0xFF363B38)
YUV	57.1630, -0.5734, -2.7740
Hunter-Lab	20.4886, -2.7577, 1.7504

# Details

The YIQ color **57.1630, -2.0170, -1.9930** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.8370, 2.0170, 1.9930**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1630, -2.0170, -1.9930**, and **14.4510, -2.8880, -2.7280** is the 20% darker color. If you saturate the color by 10%, you get **54.9130, -4.3090, -4.5090**, and if you desaturate by 10%, it is **59.4130, 0.2750, 0.5230**.

# Distribution



Red (21%)

Green (23%)

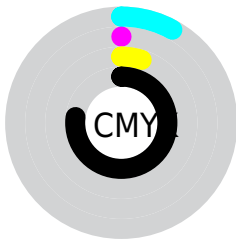
Blue (22%)



Red (21%)

Yellow (23%)

Blue (23%)

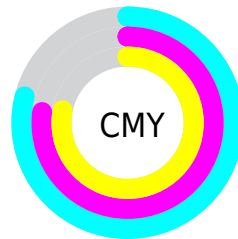


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (77%)



Cyan (79%)

Magenta (77%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1630, -2.0170, -1.9930 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 57.1630, -2.0170, -1.9930 by changing the saturation by 10% instead.



■ 57.1630, -2.0170,  
-1.9930

■ 57.1630, -2.0170,  
-1.9930

■ 255.0000, -0.0000,  
-0.0000

■ 35.5760, -1.7420,  
-1.4700

■ 104.1630, -2.0170,  
-1.9930

■ 14.4510, -2.8880,  
-2.7280

■ 129.1630, -2.0170,  
-1.9930

■ 0.0000, 0.0000,  
0.0000

■ 154.8640, -2.6130,  
-2.2050

■ 181.8640, -2.6130,  
-2.2050

■ 209.7500, -2.2920,  
-2.5160

■ 237.7500, -2.2920,

-2.5160

■ 57.1630, -2.0170,  
-1.9930

■ 57.1630, -2.0170,  
-1.9930

■ 54.9130, -4.3090,  
-4.5090

■ 59.4130, 0.2750,  
0.5230

■ 52.7770, -6.9220,  
-6.7140

■ 61.5490, 2.8880,  
2.7280

■ 50.5270, -9.2140,  
-9.2300

■ 63.7990, 5.1800,  
5.2440

■ 48.3910, -11.8270,  
-11.4350

■ 65.9350, 7.7930,  
7.4490

■ 46.1410, -14.1190,  
-13.9510

■ 67.8860, 9.4890,  
9.7530

■ 44.3040, -16.1360,  
-15.9440

■ 70.0220, 12.1020,  
11.9580

■ 42.0540, -18.4280,  
-18.4600

■ 72.2720, 14.3940,  
14.4740

■ 39.9180, -21.0410,  
-20.6650

■ 74.4080, 17.0070,  
16.6790

■ 37.6680, -23.3330,  
-23.1810

■ 76.6580, 19.2990,  
19.1950

# Harmonies

## Analogous

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



57.5330, -0.1830, -2.1910



57.1630, -2.0170, -1.9930



56.7930, -3.8510, -1.7950

# Triad

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



57.1630, -2.0170, -1.9930



57.8580, -2.4760, 0.8200



57.9790, 4.4930, 1.1730

# Complementary

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



57.1630, -2.0170, -1.9930



55.8370, 2.0170, 1.9930

# 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.



58.2070, 3.8510, 1.7950



57.1630, -2.0170, -1.9930



58.0540, -0.0920, 1.6680

# Square

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



57.1630, -2.0170, -1.9930



57.2600, -3.6680, 0.3960



57.9510, 1.6960, 2.3040



57.8540, 3.3470, -0.0850



# Rectangle

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



57.1630, -2.0170, -1.9930



57.0210, -4.4930, -1.1730



57.9510, 1.6960, 2.3040



58.0930, 4.1720, 1.4840

# Sweetspot

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



57.1630, -2.0170, -1.9930



75.8750, -1.1460, -1.2580



57.8320, 0.4130, -1.9790



37.5870, -0.2750, -0.5230



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000



# Same Dimension

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



57.1630, -2.0170, -1.9930



74.0380, -3.1630, -3.2510



57.3910, -2.6590, -1.3710



29.8750, -1.1460, -1.2580



59.5100, -38.0480, -37.3440



140.4600, -89.6190, -88.4270



# Inverse Universe

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



55.8370, 2.0170, 1.9930



71.8480, 3.4840, 2.9400



55.6090, 2.6590, 1.3710



29.0110, 1.4670, 0.9470



34.6040, 37.7270, 37.6550

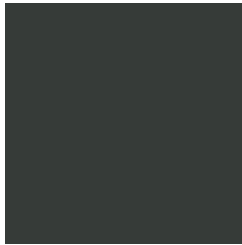


81.5400, 89.6190, 88.4270



# Previews

## White Background



This preview shows how the YIQ color 57.1630, -2.0170, -1.9930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

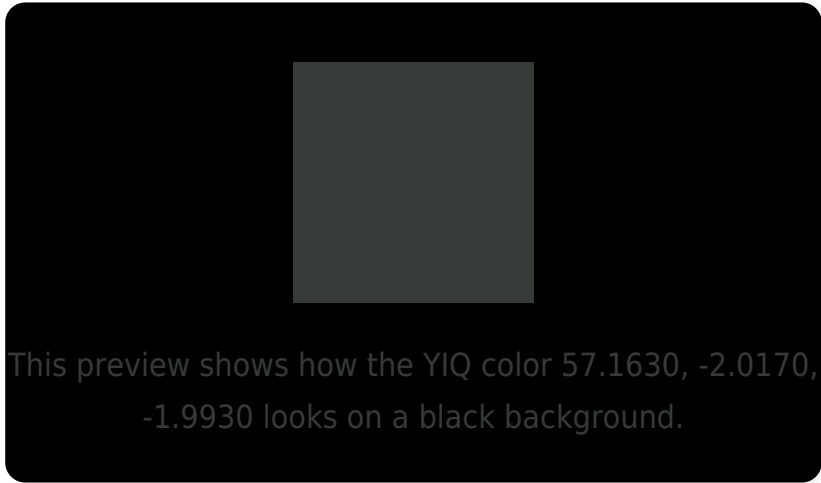
Any Text WCAG AA ✓ Pass

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

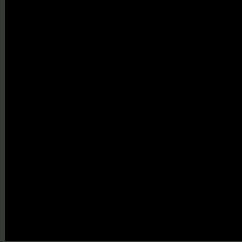
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 57.1630, -2.0170, -1.9930**

## **Background**



This preview shows how black text looks on a background with the YIQ color 57.1630, -2.0170, -1.9930.



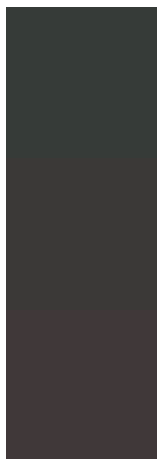
This preview shows how white text looks on a background with the YIQ color 57.1630, -2.0170, -1.9930.

-1.9930.

# 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

57.1630, -2.0170, -1.9930

### Protanopia

57.3700, 1.8340, -0.1980

### Deuteranopia

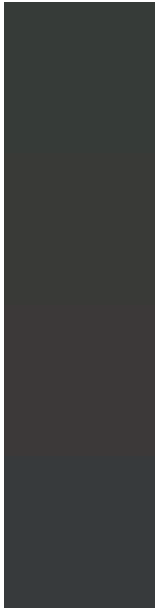
58.5060, 4.4470, 2.0070



## Tritanopia

57.6730, -3.3930, 0.9190

# Trichromacy



## Original Color

57.1630, -2.0170, -1.9930

## Protanomaly

57.3590, 0.3670, -1.1450

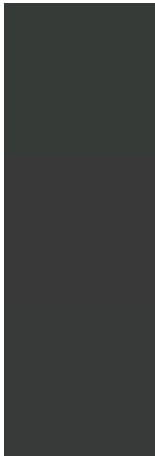
## Deuteranomaly

57.8970, 1.7880, 0.6360

## Tritanomaly

57.3310, -2.4300, -0.0140

# Monochromacy



## Original Color

57.1630, -2.0170, -1.9930

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

57.2880, -0.8710, -0.7350

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 57.1630, -2.0170, -1.9930 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(54, 59, 56)` looks like.

```
.text, #text, p{  
    color:rgb(54, 59, 56)  
}
```

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(54, 59, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 59, 56) }
```

## Border

The CSS property to change the border of an element to YIQ 57.1630, -2.0170, -1.9930 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(54, 59, 56) }
```



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

```
.border{ border-color:rgb(54, 59, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 59, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 59, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 59, 56);  
box-shadow:4px 4px 4px 4px rgb(54, 59, 56)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 57.1630, -2.0170, -1.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 59, 56) }
```

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

```
.background{ background-color: rgb(54, 59,  
56) }
```

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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