

Converting Colors

YIQ(54.9810, -7.0160, 6.0080)

Have a look what the booklet for
YIQ(54.9810, -7.0160, 6.0080)
contains.

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Color

**YIQ(54.9810, -7.0160,
6.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	343549
RGB	52, 53, 73
RGB Percent	20%, 21%, 29%
CMY	0.7961, 0.7921, 0.7138
CMYK	0.29, 0.27, 0.00, 0.71
HSL	237°, 17%, 25%
HSV	237°, 29%, 29%
XYZ	3.8917, 3.7573, 6.8215
YIQ	54.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

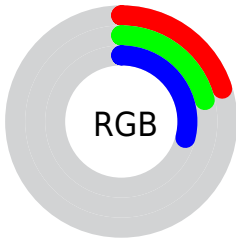
Format	Color
RYB	52, 53, 73
Decimal	3421513
CIELab	22.85, 4.87, -12.45
CIElCh	23, 13.365, 291.356
Yxy	3.7573, 0.2689, 0.2597
Android (android.graphics.Color)	4281611593 (0xFF343549)
YUV	54.9810, 8.8834, -2.6143
Hunter-Lab	19.3837, 1.9160, -7.2968

Details

The YIQ color **54.9810, -7.0160, 6.0080** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **70.0190, 7.0160, -6.0080**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6220, -7.3830, 7.1530**, and **10.5080, -7.0620, 6.8420** is the 20% darker color. If you saturate the color by 10%, you get **48.7790, -9.2630, 8.1850**, and if you desaturate by 10%, it is **61.1830, -4.7690, 3.8310**.

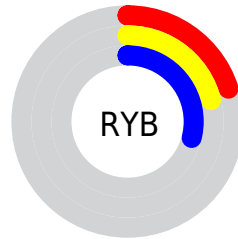
Distribution



Red (20%)

Green (21%)

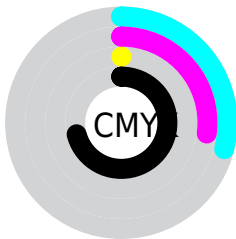
Blue (29%)



Red (20%)

Yellow (21%)

Blue (29%)

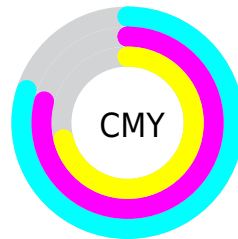


Cyan (29%)

Magenta (27%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (79%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.9810, -7.0160, 6.0080 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 54.9810, -7.0160, 6.0080 by changing the saturation by 10% instead.

■ 54.9810, -7.0160,
6.0080

■ 54.9810, -7.0160,
6.0080

■ 255.0000, -0.0000,
-0.0000

■ 33.4540, -6.9700,
5.1740

■ 101.6220, -7.3830,
7.1530

■ 10.5080, -7.0620,
6.8420

■ 126.6220, -7.3830,
7.1530

■ 0.0000, 0.0000,
0.0000

■ 152.7360, -7.7040,
7.4640

■ 179.7360, -7.7040,
7.4640

■ 206.9640, -8.3460,
8.0860

■ 234.9210, -6.7870,

7.3650

■ 54.9810, -7.0160,
6.0080

■ 54.9810, -7.0160,
6.0080

■ 48.7790, -9.2630,
8.1850

■ 61.1830, -4.7690,
3.8310

■ 42.2780, -12.1060,
10.1500

■ 67.6840, -1.9260,
1.8660

■ 36.0760, -14.3530,
12.3270

■ 73.8860, 0.3210,
-0.3110

■ 29.8740, -16.6000,
14.5040

■ 80.0880, 2.5680,
-2.4880

■ 23.6720, -18.8470,
16.6810

■ 86.2900, 4.8150,
-4.6650

■ 17.1710, -21.6900,
18.6460

■ 92.7910, 7.6580,
-6.6300

■ 10.9690, -23.9370,
20.8230

■ 98.9930, 9.9050,
-8.8070

■ 10.0830, -24.2580,
21.1340

■ 105.1950, 12.1520,
-10.9840

■ 111.6960, 14.9950,
-12.9490

Harmonies

Analogous

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



52.3710, -17.1020, 1.5700



54.9810, -7.0160, 6.0080



56.1240, 2.8870, 8.2550

Triad

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



54.9810, -7.0160, 6.0080



55.0250, 16.0470, 1.0310



50.3030, -14.3950, -8.9470

Complementary

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



54.9810, -7.0160, 6.0080



70.0190, 7.0160, -6.0080

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.



52.2780, -4.0790, -8.6790



54.9810, -7.0160, 6.0080



54.2370, 12.3340, -3.2660

Square

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



54.9810, -7.0160, 6.0080



55.4860, 16.3670, 6.2470



53.1220, 5.2280, -6.6440



49.3500, -21.7770, -7.3210

Rectangle

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



54.9810, -7.0160, 6.0080



56.0600, 8.9390, 8.7070



53.1220, 5.2280, -6.6440



51.1570, -11.0480, -9.0320

Sweetspot

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



54.9810, -7.0160, 6.0080



86.9120, -2.5680, 2.4880



66.6070, -12.1950, -4.7630



43.5700, -1.6050, 1.5550



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.



54.9810, -7.0160, 6.0080



65.9360, -11.1430, 9.2170



57.0850, -1.3770, 8.4390



32.4560, -1.2840, 1.2440



14.2210, -33.1540, 28.1740



32.3350, -75.8920, 64.8440

Inverse Universe

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



58.3930, 12.1950, 4.7630



71.0950, 19.0260, 7.6180



67.9150, 1.3770, -8.4390



33.1960, 2.3840, 0.8480



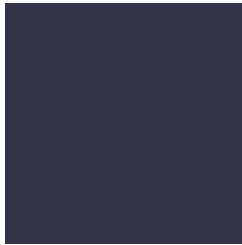
30.1710, 57.3990, 22.5430



69.1270, 131.7610, 51.5450

Previews

White Background



This preview shows how the YIQ color 54.9810, -7.0160, 6.0080 looks on a white background.

Color Contrast Check

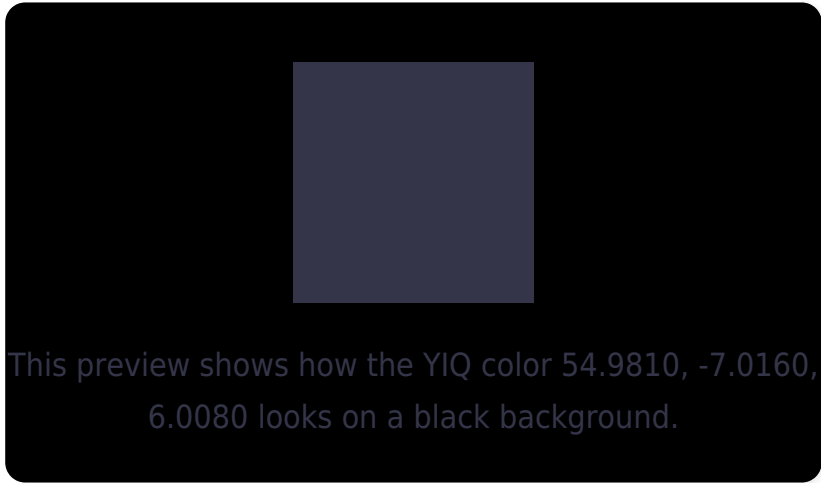
Large Text (above 18pt) WCAG AA ✓ Pass

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

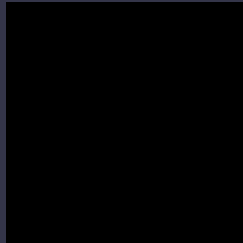
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.9810, -7.0160, 6.0080

Background



This preview shows how black text looks on a background with the YIQ color 54.9810, -7.0160, 6.0080.

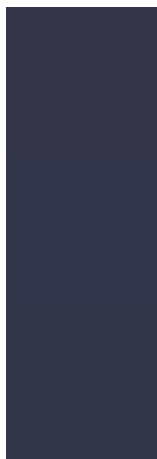


This preview shows how white text looks on a background with the YIQ color 54.9810, -7.0160,

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

54.9810, -7.0160, 6.0080

Protanopia

54.7850, -9.4000, 5.1600

Deuteranopia

54.9700, -8.4830, 5.0610



Tritanopia

53.7760, -5.1810, 0.2830

Trichromacy



Original Color

54.9810, -7.0160, 6.0080

Protanomaly

55.0840, -8.8040, 5.3720

Deuteranomaly

55.2690, -7.8870, 5.2730

Tritanomaly

54.0580, -5.9150, 2.5730

Monochromacy



Original Color

54.9810, -7.0160, 6.0080

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9120, -2.5680, 2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.9810, -7.0160, 6.0080 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(52, 53, 73)` looks like.

```
.text, #text, p{  
    color:rgb(52, 53, 73)  
}
```

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(52, 53, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 53, 73) }
```

Border

The CSS property to change the border of an element to YIQ 54.9810, -7.0160, 6.0080 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(52, 53, 73) }
```


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

```
.border{ border-color:rgb(52, 53, 73) }
```

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

Here you see how a box with a 4 pixel rgb(52, 53, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 53, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 53, 73);  
box-shadow:4px 4px 4px 4px rgb(52, 53, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.9810, -7.0160, 6.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 53, 73) }
```

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

```
.background{ background-color: rgb(52, 53,  
73) }
```

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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