

Converting Colors

YIQ(53.9070, -4.1720, -1.4840)

Have a look what the booklet for
YIQ(53.9070, -4.1720, -1.4840)
contains.

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Color

**YIQ(53.9070, -4.1720,
-1.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	313838
RGB	49, 56, 56
RGB Percent	19%, 22%, 22%
CMY	0.8079, 0.7804, 0.7804
CMYK	0.13, 0.00, 0.00, 0.78
HSL	180°, 7%, 21%
HSV	180°, 13%, 22%
XYZ	3.3944, 3.7670, 4.2890
YIQ	53.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

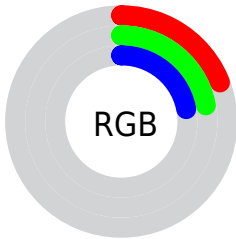
Format	Color
R_YB	49, 53, 56
Decimal	3225656
CIE Lab	22.89, -2.95, -1.01
CIE LCh	23, 3.120, 198.811
Yxy	3.7670, 0.2964, 0.3290
Android (android.graphics.Color)	4281415736 (0xFF313838)
YUV	53.9070, 1.0318, -4.3034
Hunter-Lab	19.4087, -2.7469, 0.4839

Details

The YIQ color **53.9070, -4.1720, -1.4840** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.0930, 4.1720, 1.4840**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6080, -4.7680, -1.6960**, and **9.7110, -6.5560, -2.3320** is the 20% darker color. If you saturate the color by 10%, you get **52.1130, -7.7480, -2.7560**, and if you desaturate by 10%, it is **55.7010, -0.5960, -0.2120**.

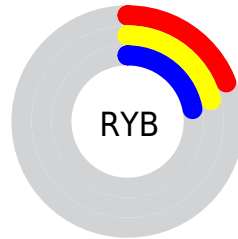
Distribution



Red (19%)

Green (22%)

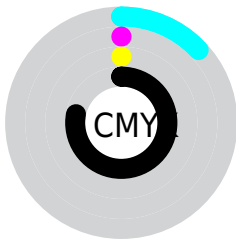
Blue (22%)



Red (19%)

Yellow (21%)

Blue (22%)

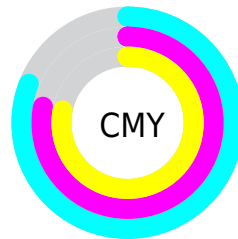


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (78%)



Cyan (81%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.9070, -4.1720, -1.4840 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 53.9070, -4.1720, -1.4840 by changing the saturation by 10% instead.

■ 53.9070, -4.1720,
-1.4840

■ 53.9070, -4.1720,
-1.4840

■ 255.0000, -0.0000,
-0.0000

■ 32.9070, -4.1720,
-1.4840

■ 100.6080, -4.7680,
-1.6960

■ 9.7110, -6.5560,
-2.3320

■ 125.6080, -4.7680,
-1.6960

■ 0.0000, 0.0000,
0.0000

■ 151.6080, -4.7680,
-1.6960

■ 178.3090, -5.3640,
-1.9080

■ 205.3090, -5.3640,
-1.9080

■ 233.6080, -4.7680,

-1.6960

■ 53.9070, -4.1720,
-1.4840

■ 53.9070, -4.1720,
-1.4840

■ 52.1130, -7.7480,
-2.7560

■ 55.7010, -0.5960,
-0.2120

■ 50.6180, -10.7280,
-3.8160

■ 57.1960, 2.3840,
0.8480

■ 48.8240, -14.3040,
-5.0880

■ 58.9900, 5.9600,
2.1200

■ 47.3290, -17.2840,
-6.1480

■ 60.4850, 8.9400,
3.1800

■ 45.5350, -20.8600,
-7.4200

■ 62.2790, 12.5160,
4.4520

■ 43.7410, -24.4360,
-8.6920

■ 64.0730, 16.0920,
5.7240

■ 42.2460, -27.4160,
-9.7520

■ 65.5680, 19.0720,
6.7840

■ 40.4520, -30.9920,
-11.0240

■ 67.3620, 22.6480,
8.0560

■ 39.2560, -33.3760,
-11.8720

■ 68.8570, 25.6280,
9.1160

Harmonies

Analogous

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



53.9780, -2.9340, -1.8940



53.9070, -4.1720, -1.4840



54.1350, -4.8140, -0.8620

Triad

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



53.9070, -4.1720, -1.4840



55.3530, 0.5040, 1.8800



54.4410, 3.0720, -0.6080

Complementary

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



53.9070, -4.1720, -1.4840



51.0930, 4.1720, 1.4840

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.



54.5660, 4.2180, 0.6500



53.9070, -4.1720, -1.4840



55.1360, 2.6130, 2.2050

Square

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



53.9070, -4.1720, -1.4840



54.5700, -1.6050, 1.5550



55.0930, 4.1720, 1.4840



54.4300, 1.6050, -1.5550

Rectangle

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



53.9070, -4.1720, -1.4840



54.2600, -3.6680, 0.3960



55.0930, 4.1720, 1.4840



54.7400, 3.6680, -0.3960

Sweetspot

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



53.9070, -4.1720, -1.4840



73.1030, -1.7880, -0.6360



53.1090, -1.9250, -3.6610



37.4020, -1.1920, -0.4240



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.



53.9070, -4.1720, -1.4840



70.7110, -6.5560, -2.3320



52.1460, -3.3470, 0.0850



27.1030, -1.7880, -0.6360



64.4920, -54.8320, -19.5040



153.5190, -130.5240, -46.4280

Inverse Universe

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



51.0930, 4.1720, 1.4840



66.2890, 6.5560, 2.3320



52.8540, 3.3470, -0.0850



25.8970, 1.7880, 0.6360



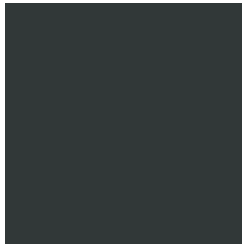
27.5080, 54.8320, 19.5040



65.4810, 130.5240, 46.4280

Previews

White Background



This preview shows how the YIQ color 53.9070, -4.1720, -1.4840 looks on a white background.

Color Contrast Check

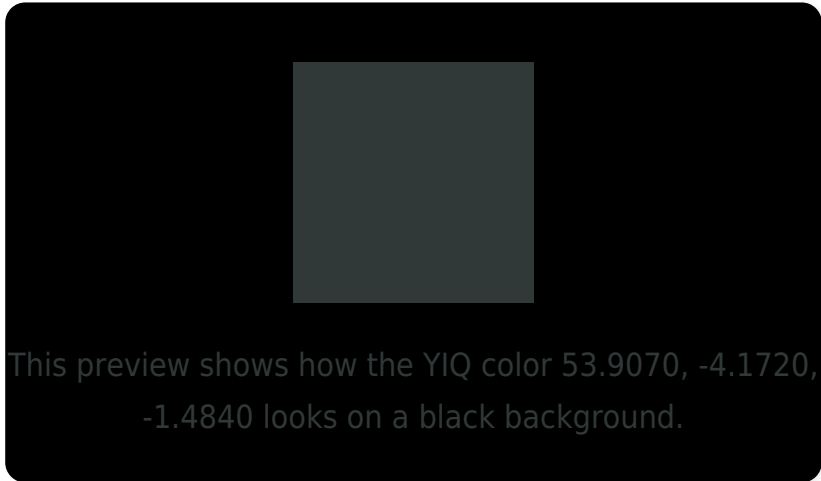
Large Text (above 18pt) WCAG AA ✓ Pass

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

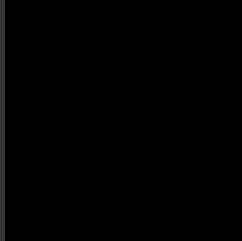
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

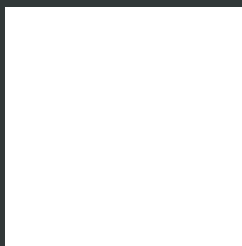
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 53.9070, -4.1720, -1.4840

Background



This preview shows how black text looks on a background with the YIQ color 53.9070, -4.1720, -1.4840.



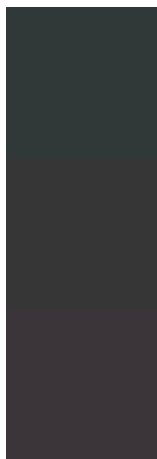
This preview shows how white text looks on a background with the YIQ color 53.9070, -4.1720,

-1.4840.

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

53.9070, -4.1720, -1.4840

Protanopia

54.4130, 0.2750, 0.5230

Deuteranopia

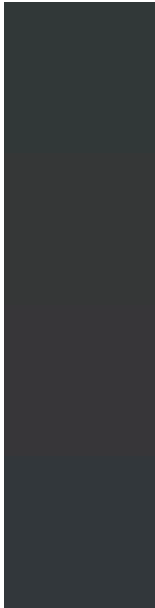
55.2500, 2.2920, 2.5160



Tritanopia

54.0750, -4.5850, 0.4950

Trichromacy



Original Color

53.9070, -4.1720, -1.4840

Protanomaly

54.4020, -1.1920, -0.4240

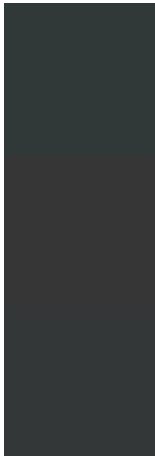
Deuteranomaly

54.6410, -0.3670, 1.1450

Tritanomaly

53.9610, -4.2640, 0.1840

Monochromacy



Original Color

53.9070, -4.1720, -1.4840

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.1030, -1.7880, -0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.9070, -4.1720, -1.4840 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(49, 56, 56)` looks like.

```
.text, #text, p{  
    color:rgb(49, 56, 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(49, 56, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 56, 56) }
```

Border

The CSS property to change the border of an element to YIQ 53.9070, -4.1720, -1.4840 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(49, 56, 56) }
```


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

```
.border{ border-color:rgb(49, 56, 56) }
```

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

Here you see how a box with a 4 pixel rgb(49, 56, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 56, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 56, 56);  
box-shadow:4px 4px 4px 4px rgb(49, 56, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.9070, -4.1720, -1.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 56, 56) }
```

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

```
.background{ background-color: rgb(49, 56,  
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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