

Converting Colors

YIQ(53.7930, -3.8510, -1.7950)

Have a look what the booklet for
YIQ(53.7930, -3.8510, -1.7950)
contains.

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Color

**YIQ(53.7930, -3.8510,
-1.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	313837
RGB	49, 56, 55
RGB Percent	19%, 22%, 22%
CMY	0.8079, 0.7804, 0.7843
CMYK	0.13, 0.00, 0.02, 0.78
HSL	171°, 7%, 21%
HSV	171°, 13%, 22%
XYZ	3.3702, 3.7573, 4.1616
YIQ	53.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

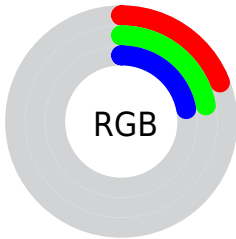
Format	Color
R_YB	49, 53, 56
Decimal	3225655
CIE Lab	22.85, -3.20, -0.38
CIE LCh	23, 3.225, 186.815
Yxy	3.7573, 0.2985, 0.3328
Android (android.graphics.Color)	4281415735 (0xFF313837)
YUV	53.7930, 0.5951, -4.2035
Hunter-Lab	19.3837, -2.8859, 0.8394

Details

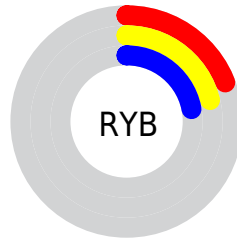
The YIQ color **53.7930, -3.8510, -1.7950** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.2070, 3.8510, 1.7950**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4940, -4.4470, -2.0070**, and **9.4830, -5.9140, -2.9540** is the 20% darker color. If you saturate the color by 10%, you get **51.8850, -7.1060, -3.3780**, and if you desaturate by 10%, it is **55.7010, -0.5960, -0.2120**.

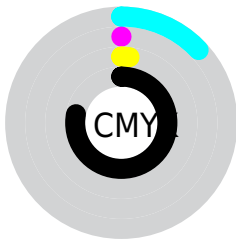
Distribution



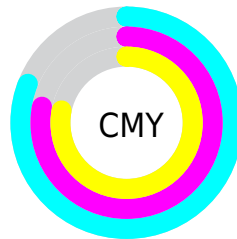
- Red (19%)
- Green (22%)
- Blue (22%)



- Red (19%)
- Yellow (21%)
- Blue (22%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (78%)



- Cyan (81%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7930, -3.8510, -1.7950 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 53.7930, -3.8510, -1.7950 by changing the saturation by 10% instead.

■ 53.7930, -3.8510,
-1.7950

■ 53.7930, -3.8510,
-1.7950

■ 255.0000, -0.0000,
-0.0000

■ 32.7930, -3.8510,
-1.7950

■ 100.4940, -4.4470,
-2.0070

■ 9.4830, -5.9140,
-2.9540

■ 125.4940, -4.4470,
-2.0070

■ 0.0000, 0.0000,
0.0000

■ 151.4940, -4.4470,
-2.0070

■ 178.0810, -4.7220,
-2.5300

■ 205.1950, -5.0430,
-2.2190

■ 233.1950, -5.0430,

-2.2190

■ 53.7930, -3.8510,
-1.7950

■ 53.7930, -3.8510,
-1.7950

■ 51.8850, -7.1060,
-3.3780

■ 55.7010, -0.5960,
-0.2120

■ 50.2760, -9.7650,
-4.7490

■ 57.3100, 2.0630,
1.1590

■ 48.4820, -13.3410,
-6.0210

■ 59.1040, 5.6390,
2.4310

■ 46.8730, -16.0000,
-7.3920

■ 60.7130, 8.2980,
3.8020

■ 44.9650, -19.2550,
-8.9750

■ 62.6210, 11.5530,
5.3850

■ 43.0570, -22.5100,
-10.5580

■ 64.5290, 14.8080,
6.9680

■ 41.4480, -25.1690,
-11.9290

■ 66.1380, 17.4670,
8.3390

■ 39.6540, -28.7450,
-13.2010

■ 67.9320, 21.0430,
9.6110

■ 38.3440, -30.8080,
-14.3600

■ 69.5410, 23.7020,
10.9820

Harmonies

Analogous

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



54.1630, -2.0170, -1.9930



53.7930, -3.8510, -1.7950



54.0210, -4.4930, -1.1730

Triad

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



53.7930, -3.8510, -1.7950



55.0540, -0.0920, 1.6680



54.7400, 3.6680, -0.3960

Complementary

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



53.7930, -3.8510, -1.7950



51.2070, 3.8510, 1.7950

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.



54.9790, 4.4930, 1.1730



53.7930, -3.8510, -1.7950



54.8370, 2.0170, 1.9930

Square

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



53.7930, -3.8510, -1.7950



54.8580, -2.4760, 0.8200



55.2070, 3.8510, 1.7950



54.7290, 2.2010, -1.3430

Rectangle

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



53.7930, -3.8510, -1.7950



54.4340, -4.2180, -0.6500



55.2070, 3.8510, 1.7950



55.1530, 3.9430, 0.1270

Sweetspot

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



53.7930, -3.8510, -1.7950



73.1030, -1.7880, -0.6360



53.4080, -1.3290, -3.4490



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.



53.7930, -3.8510, -1.7950



70.4830, -5.9140, -2.9540



52.7330, -3.6220, -0.4380



27.1030, -1.7880, -0.6360



63.0100, -50.6590, -23.5470



149.9850, -120.5730, -56.0690

Inverse Universe

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



51.2070, 3.8510, 1.7950



66.4030, 6.2350, 2.6430



52.2670, 3.6220, 0.4380



26.0110, 1.4670, 0.9470



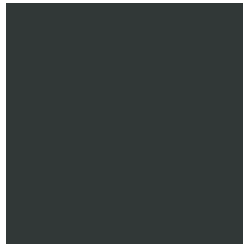
28.9900, 50.6590, 23.5470



69.1290, 120.2520, 56.3800

Previews

White Background



This preview shows how the YIQ color 53.7930, -3.8510, -1.7950 looks on a white background.

Color Contrast Check

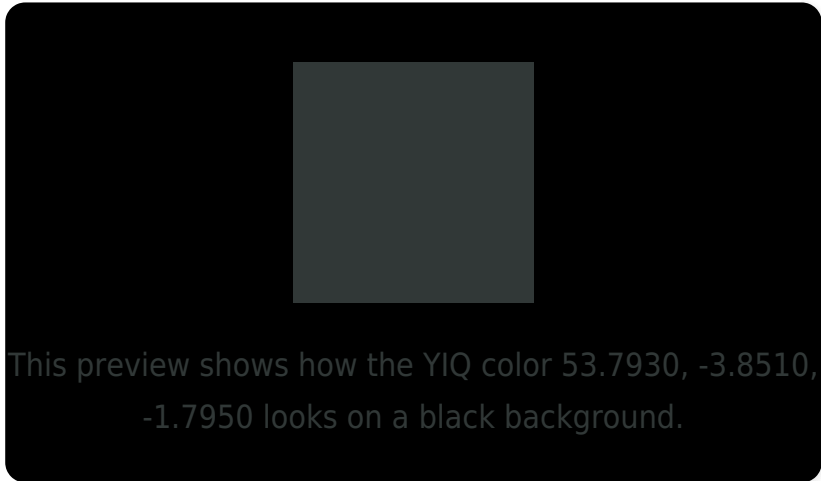
Large Text (above 18pt) WCAG AA ✓ Pass

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

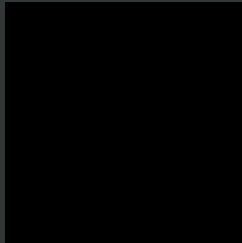
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7930, -3.8510, -1.7950

Background



This preview shows how black text looks on a background with the YIQ color 53.7930, -3.8510, -1.7950.



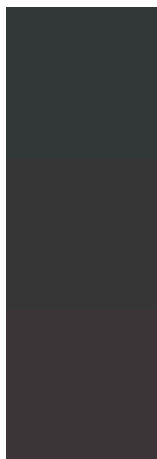
This preview shows how white text looks on a background with the YIQ color 53.7930, -3.8510, -1.7950.

-1.7950.

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

53.7930, -3.8510, -1.7950

Protanopia

54.2990, 0.5960, 0.2120

Deuteranopia

55.1360, 2.6130, 2.2050



Tritanopia

54.0750, -4.5850, 0.4950

Trichromacy



Original Color

53.7930, -3.8510, -1.7950

Protanomaly

54.2880, -0.8710, -0.7350

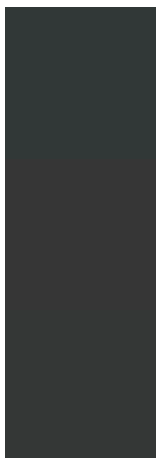
Deuteranomaly

54.5270, -0.0460, 0.8340

Tritanomaly

53.8470, -3.9430, -0.1270

Monochromacy



Original Color

53.7930, -3.8510, -1.7950

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7930, -3.8510, -1.7950 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(49, 56, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 56, 55) }
```

Border

The CSS property to change the border of an element to YIQ 53.7930, -3.8510, -1.7950 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, 55) }
```


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

```
.border{ border-color:rgb(49, 56, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 56, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 56, 55);  
box-shadow:4px 4px 4px 4px rgb(49, 56, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.7930, -3.8510, -1.7950 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, 55) }
```

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

```
.background{ background-color: rgb(49, 56,  
55) }
```

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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