

Converting Colors

YIQ(55.4550, 8.4840, -10.5880)

Have a look what the booklet for
YIQ(55.4550, 8.4840, -10.5880)
contains.

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Color

**YIQ(55.4550, 8.4840,
-10.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	393C1C
RGB	57, 60, 28
RGB Percent	22%, 24%, 11%
CMY	0.7765, 0.7647, 0.8901
CMYK	0.05, 0.00, 0.53, 0.76
HSL	66°, 36%, 17%
HSV	66°, 53%, 24%
XYZ	3.5126, 4.1854, 1.7223
YIQ	55.4550, 8.4840, -10.5880

Conversions

Conversions Part 2

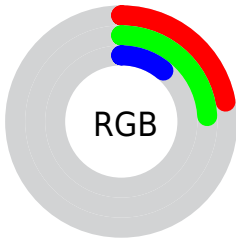
Format	Color
R_{YB}	28, 60, 31
Decimal	3750940
CIE Lab	24.28, -7.05, 19.24
CIE LCh	24, 20.488, 110.137
Yxy	4.1854, 0.3729, 0.4443
Android (android.graphics.Color)	4281941020 (0xFF393C1C)
YUV	55.4550, -13.5353, 1.3550
Hunter-Lab	20.4583, -5.1538, 9.3295

Details

The YIQ color **55.4550, 8.4840, -10.5880** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32.5450, -8.4840, 10.5880**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **102.4120, 10.0430, -11.3090**, and **12.3600, -1.3740, -8.1420** is the 20% darker color. If you saturate the color by 10%, you get **54.4720, 9.8140, -12.6660**, and if you desaturate by 10%, it is **56.4380, 7.1540, -8.5100**.

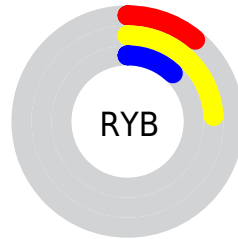
Distribution



Red (22%)

Green (24%)

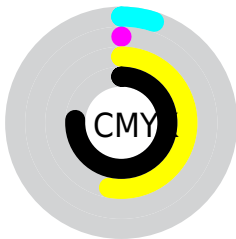
Blue (11%)



Red (11%)

Yellow (24%)

Blue (12%)

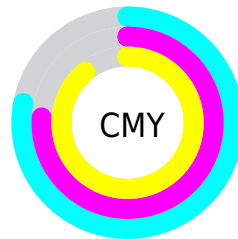


Cyan (5%)

Magenta (0%)

Yellow (53%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.4550, 8.4840, -10.5880 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 55.4550, 8.4840, -10.5880 by changing the saturation by 10% instead.

■ 55.4550, 8.4840,
-10.5880

■ 55.4550, 8.4840,
-10.5880

■ 255.0000, -0.0000,
-0.0000

■ 33.2270, 9.1260,
-11.2100

■ 102.4120, 10.0430,
-11.3090

■ 12.3600, -1.3740,
-8.1420

■ 127.2980, 10.3640,
-11.6200

■ 0.0000, 0.0000,
0.0000

■ 154.0700, 11.0060,
-12.2420

■ 180.3690, 11.6020,
-12.0300

■ 207.9560, 11.3270,
-12.5530

■ 236.1410, 12.2440,

-12.6520

■ 252.0360, 8.3460,
-8.0860

■ 55.4550, 8.4840,
-10.5880

■ 55.4550, 8.4840,
-10.5880

■ 54.4720, 9.8140,
-12.6660

■ 56.4380, 7.1540,
-8.5100

■ 53.7880, 11.7400,
-14.5320

■ 57.1220, 5.2280,
-6.6440

■ 52.8050, 13.0700,
-16.6100

■ 58.1050, 3.8980,
-4.5660

■ 52.1210, 14.9960,
-18.4760

■ 58.7890, 1.9720,
-2.7000

■ 51.3660, 15.6840,
-19.9320

■ 59.7720, 0.6420,
-0.6220

■ 60.4560, -1.2840,
1.2440

■ 61.4390, -2.6140,
3.3220

■ 62.4220, -3.9440,
5.4000

■ 63.1060, -5.8700,
7.2660

Harmonies

Analogous

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



56.8910, 19.1200, -5.1040



55.4550, 8.4840, -10.5880



53.4470, -6.2330, -13.6970

Triad

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



55.4550, 8.4840, -10.5880



46.8020, -43.6010, -8.2810



59.3000, 17.1910, 13.3430

Complementary

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



55.4550, 8.4840, -10.5880



32.5450, -8.4840, 10.5880

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.



59.7700, 4.1240, 13.3720



55.4550, 8.4840, -10.5880



52.4170, -31.9110, 0.1290

Square

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



55.4550, 8.4840, -10.5880



46.4940, -39.9780, -13.3700



58.0390, -12.9310, 8.5810



58.4870, 23.7940, 9.3140

Rectangle

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



55.4550, 8.4840, -10.5880



50.9880, -18.0620, -14.0780



58.0390, -12.9310, 8.5810



59.6740, 13.2020, 14.0500

Sweetspot

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



55.4550, 8.4840, -10.5880



77.2190, 3.5770, -4.2550



39.3290, 18.2470, 5.2150



39.7890, 1.9720, -2.7000



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



55.4550, 8.4840, -10.5880



71.6910, 13.3910, -16.9210



50.6710, -1.0520, -13.9800



30.3590, 0.3670, -1.1450



80.5930, 24.8100, -31.1420



190.4130, 58.7460, -73.4940

Inverse Universe

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



32.5450, -8.4840, 10.5880



35.3090, -13.3910, 16.9210



37.3290, 1.0520, 13.9800



28.3420, -0.9630, 0.9330



13.4070, -24.8100, 31.1420



31.5870, -58.7460, 73.4940

Previews

White Background



This preview shows how the YIQ color 55.4550, 8.4840, -10.5880 looks on a white background.

Color Contrast Check

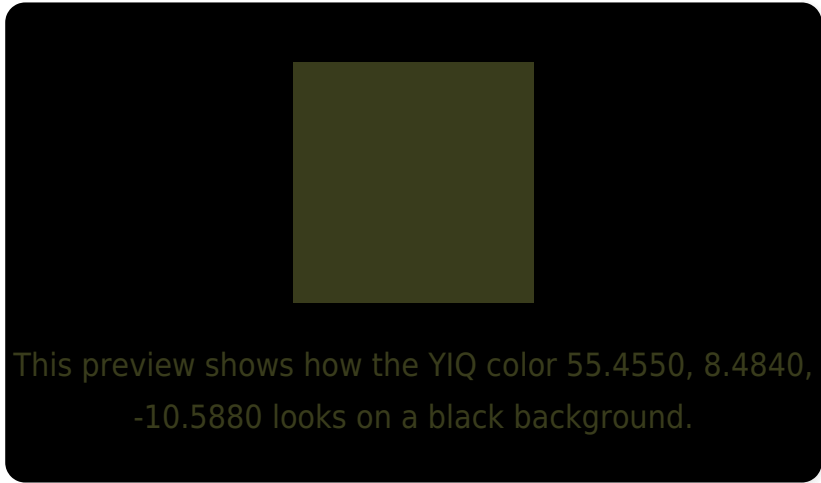
Large Text (above 18pt) WCAG AA ✓ Pass

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

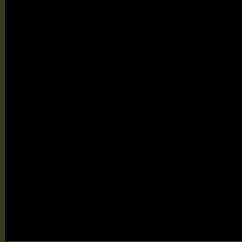
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.4550, 8.4840, -10.5880

Background



This preview shows how black text looks on a background with the YIQ color 55.4550, 8.4840, -10.5880.



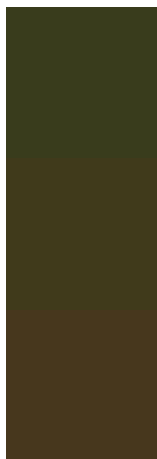
This preview shows how white text looks on a background with the YIQ color 55.4550, 8.4840,

-10.5880.

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

55.4550, 8.4840, -10.5880

Protanopia

56.2600, 13.5270, -8.3690

Deuteranopia

56.8200, 17.8820, -4.6940



Tritanopia

58.0650, 1.3750, 2.6150

Trichromacy



Original Color

55.4550, 8.4840, -10.5880

Protanomaly

55.9500, 11.4640, -9.5280

Deuteranomaly

56.4990, 14.3520, -6.8000

Tritanomaly

56.9850, 4.3560, -1.8520

Monochromacy



Original Color

55.4550, 8.4840, -10.5880

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3330, 3.2560, -3.9440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.4550, 8.4840, -10.5880 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(57, 60, 28)` looks like.

```
.text, #text, p{  
    color:rgb(57, 60, 28)  
}
```

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(57, 60, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 60, 28) }
```

Border

The CSS property to change the border of an element to YIQ 55.4550, 8.4840, -10.5880 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(57, 60, 28) }
```


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

```
.border{ border-color:rgb(57, 60, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 60, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 60, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 60, 28);  
box-shadow:4px 4px 4px 4px rgb(57, 60, 28)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.4550, 8.4840, -10.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 60, 28) }
```

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

```
.background{ background-color: rgb(57, 60,  
28) }
```

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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