

Converting Colors

YIQ(35.8770, 4.5400, -5.1880)

Have a look what the booklet for
YIQ(35.8770, 4.5400, -5.1880)
contains.

YIQ(35.8770, 4.5400, -5.1880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(35.8770, 4.5400,
-5.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	252616
RGB	37, 38, 22
RGB Percent	15%, 15%, 9%
CMY	0.8549, 0.8510, 0.9137
CMYK	0.03, 0.00, 0.42, 0.85
HSL	64°, 27%, 12%
HSV	64°, 42%, 15%
XYZ	1.6009, 1.8375, 1.0297
YIQ	35.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

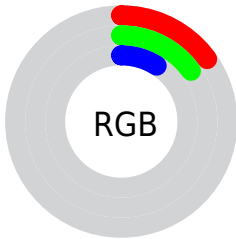
Format	Color
RYB	22, 38, 23
Decimal	2434582
CIELab	14.61, -3.77, 10.48
CIELCh	15, 11.140, 109.800
Yxy	1.8375, 0.3583, 0.4112
Android (android.graphics.Color)	4280624662 (0xFF252616)
YUV	35.8770, -6.8414, 0.9849
Hunter-Lab	13.5553, -2.6413, 4.9847

Details

The YIQ color **35.8770, 4.5400, -5.1880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.1230, -4.5400, 5.1880**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6490, 5.1820, -5.8100**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.4210, 5.8240, -6.4320**, and if you desaturate by 10%, it is **36.3330, 3.2560, -3.9440**.

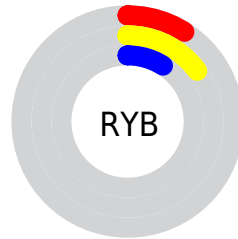
Distribution



Red (15%)

Green (15%)

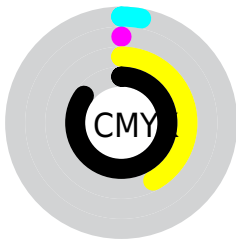
Blue (9%)



Red (9%)

Yellow (15%)

Blue (9%)

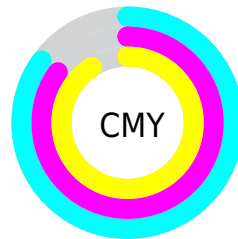


Cyan (3%)

Magenta (0%)

Yellow (42%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.8770, 4.5400, -5.1880 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 35.8770, 4.5400, -5.1880 by changing the saturation by 10% instead.

■ 35.8770, 4.5400,
-5.1880

■ 35.8770, 4.5400,
-5.1880

■ 254.2020, 2.2470,
-2.1770

■ 14.4640, 4.2650,
-5.7110

■ 80.6490, 5.1820,
-5.8100

■ 0.0000, 0.0000,
0.0000

■ 104.5350, 5.5030,
-6.1210

■ 129.8340, 6.0990,
-5.9090

■ 155.7200, 6.4200,
-6.2200

■ 182.6060, 6.7410,
-6.5310

■ 210.1930, 6.4660,

-7.0540

■ 238.4920, 7.0620,
-6.8420

■ 35.8770, 4.5400,
-5.1880

■ 35.8770, 4.5400,
-5.1880

■ 35.4210, 5.8240,
-6.4320

■ 36.3330, 3.2560,
-3.9440

■ 34.9650, 7.1080,
-7.6760

■ 36.7890, 1.9720,
-2.7000

■ 34.3240, 7.4750,
-8.8210

■ 37.4300, 1.6050,
-1.5550

■ 33.8680, 8.7590,
-10.0650

■ 37.8860, 0.3210,
-0.3110

■ 33.4120, 10.0430,
-11.3090

■ 38.3420, -0.9630,
0.9330

■ 33.0700, 11.0060,
-12.2420

■ 38.7980, -2.2470,
2.1770

■ 39.5530, -2.9350,
3.6330

■ 39.8950, -3.8980,
4.5660

■ 40.3510, -5.1820,
5.8100

Harmonies

Analogous

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



36.5080, 10.1330, -1.9230



35.8770, 4.5400, -5.1880



34.9300, -2.9790, -6.5870

Triad

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



35.8770, 4.5400, -5.1880



32.9530, -18.9810, -2.9250



38.0060, 9.0310, 7.0390

Complementary

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



35.8770, 4.5400, -5.1880



24.1230, -4.5400, 5.1880

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.



37.8850, 2.0620, 6.6860



35.8770, 4.5400, -5.1880



34.8120, -14.0300, 0.9620

Square

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



35.8770, 4.5400, -5.1880



32.4430, -17.6050, -5.8370



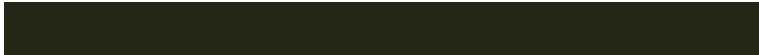
37.2260, -6.3280, 4.5520



37.3930, 12.1950, 4.7630

Rectangle

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



35.8770, 4.5400, -5.1880



34.1790, -8.1140, -7.1380



37.2260, -6.3280, 4.5520



38.2230, 6.9220, 6.7140

Sweetspot

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



35.8770, 4.5400, -5.1880



47.3160, 1.9260, -1.8660



27.3710, 9.2610, 2.8690



25.1310, 1.0090, -1.7670



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



35.8770, 4.5400, -5.1880



44.9650, 7.1080, -7.6760



33.4850, -0.2280, -6.8840



17.7720, 0.6420, -0.6220



70.8580, 22.7460, -26.7740



181.2870, 59.3410, -67.7550

Inverse Universe

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



24.1230, -4.5400, 5.1880



27.0350, -7.1080, 7.6760



26.5150, 0.2280, 6.8840



16.2280, -0.6420, 0.6220



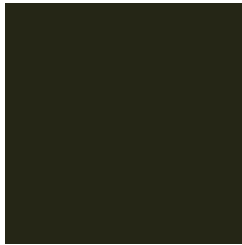
10.8430, -23.3420, 26.5620



27.7130, -59.3410, 67.7550

Previews

White Background



This preview shows how the YIQ color 35.8770, 4.5400, -5.1880 looks on a white background.

Color Contrast Check

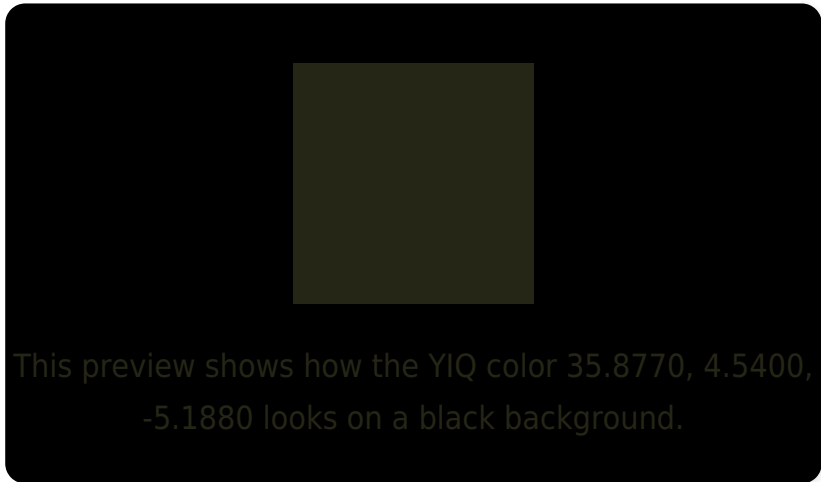
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8770, 4.5400, -5.1880

Background



This preview shows how black text looks on a background with the YIQ color 35.8770, 4.5400, -5.1880.



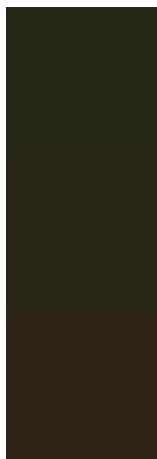
This preview shows how white text looks on a background with the YIQ color 35.8770, 4.5400,

-5.1880.

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

35.8770, 4.5400, -5.1880

Protanopia

36.1870, 6.6030, -4.0290

Deuteranopia

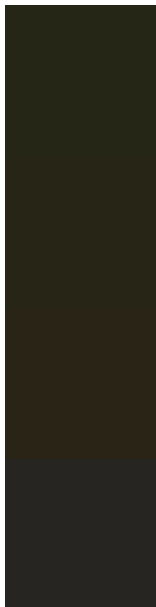
36.6220, 9.8120, -1.6120



Tritanopia

37.2390, 0.8250, 1.5690

Trichromacy



Original Color

35.8770, 4.5400, -5.1880

Protanomaly

35.8880, 6.0070, -4.2410

Deuteranomaly

36.3120, 7.7490, -2.7710

Tritanomaly

36.8430, 1.8800, -1.0320

Monochromacy



Original Color

35.8770, 4.5400, -5.1880

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.8770, 4.5400, -5.1880 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(37, 38, 22)` looks like.

```
.text, #text, p{  
    color:rgb(37, 38, 22)  
}
```

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(37, 38, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 38, 22) }
```

Border

The CSS property to change the border of an element to YIQ 35.8770, 4.5400, -5.1880 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(37, 38, 22) }
```


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

```
.border{ border-color:rgb(37, 38, 22) }
```

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

Here you see how a box with a 4 pixel rgb(37, 38, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 38, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 38, 22);  
box-shadow:4px 4px 4px 4px rgb(37, 38, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.8770, 4.5400, -5.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 38, 22) }
```

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

```
.background{ background-color: rgb(37, 38,  
22) }
```

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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