

Converting Colors

YIQ(110.5880, 130.9400,
27.8680)

Have a look what the booklet for
YIQ(110.5880, 130.9400, 27.8680)
contains.

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Color

**YIQ(110.5880, 130.9400,
27.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	FD390D
RGB	253, 57, 13
RGB Percent	99%, 22%, 5%
CMY	0.0074, 0.7767, 0.9485
CMYK	0.00, 0.78, 0.95, 0.01
HSL	11°, 98%, 52%
HSV	11°, 95%, 99%
XYZ	42.0814, 23.8512, 2.7714
YIQ	110.5880, 130.9400, 27.8680

Conversions

Conversions Part 2

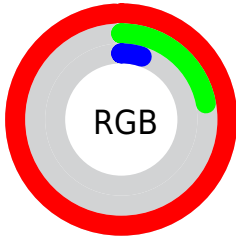
Format	Color
RYB	253, 67, 13
Decimal	16595213
CIELab	55.94, 71.00, 65.20
CIElCh	56, 96.399, 42.560
Yxy	23.8512, 0.6125, 0.3472
Android (android.graphics.Color)	4294785293 (0xFFFD390D)
YUV	110.5880, -48.1109, 124.8953
Hunter-Lab	48.8377, 68.3401, 30.8219

Details

The YIQ color **110.5880, 130.9400, 27.8680** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **155.4120, -130.9400, -27.8680**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4370, 97.1520, 12.4480**, and **55.6140, 110.8560, 39.4320** is the 20% darker color. If you saturate the color by 10%, you get **102.6490, 138.1380, 29.5780**, and if you desaturate by 10%, it is **125.7650, 117.1400, 24.6600**.

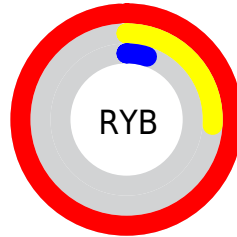
Distribution



Red (99%)

Green (22%)

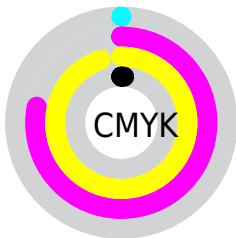
Blue (5%)



Red (99%)

Yellow (26%)

Blue (5%)

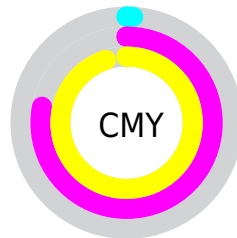


Cyan (0%)

Magenta (78%)

Yellow (95%)

Black (1%)



Cyan (1%)

Magenta (78%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.5880, 130.9400, 27.8680 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 110.5880, 130.9400, 27.8680 by changing the saturation by 10% instead.


 110.5880,
130.9400, 27.8680

 110.5880,
130.9400, 27.8680


255.0000, -0.0000,
-0.0000


 68.7150, 129.7450,
44.0250


 154.4370, 97.1520,
12.4480


 55.6140, 110.8560,
39.4320


 174.4240, 80.8310,
5.3670


 45.7470, 91.1880,
32.4360


 194.9980, 64.2350,
-2.2370

 36.1790, 72.1160,
25.6520

 215.0990, 47.5930,
-9.0070

 27.1380, 52.9980,
19.7020

 235.7870, 30.6760,
-16.3000


 18.2820, 34.7970,
13.6530


 248.9580, 17.0130,

 6.5780, 13.1120,

-16.4830

4.6640


 252.2640, 7.7040,
-7.4640

 0.0000, 0.0000,
0.0000

 110.5880,
130.9400, 27.8680

 110.5880,
130.9400, 27.8680


 102.6490,
138.1380, 29.5780

 125.7650,
117.1400, 24.6600

 140.4690,
103.2940, 22.2860

 155.6460, 89.4940,
19.0780

 170.8230, 75.6940,
15.8700

 185.5270, 61.8480,
13.4960

200.7040, 48.0480,
10.2880

215.8810, 34.2480,
7.0800

230.5850, 20.4020,
4.7060

245.7620, 6.6020,
1.4980

Harmonies

Analogous

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



87.9870, 118.9170, 86.0930



110.5880, 130.9400, 27.8680



126.1420, 89.5920, -15.7520

Triad

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



110.5880, 130.9400, 27.8680



105.9750, -71.0550, -61.4150



107.7280, -118.7050, 9.2230

Complementary

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



110.5880, 130.9400, 27.8680



155.4120, -130.9400, -27.8680

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.



121.8160, -125.3050, -3.3290



110.5880, 130.9400, 27.8680



117.7680, -100.1280, -35.6160

Square

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



110.5880, 130.9400, 27.8680



92.7460, -43.4500, -82.6340



126.1870, -125.2120, -10.5240



133.9370, -1.4340, 70.0700

Rectangle

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



110.5880, 130.9400, 27.8680



125.6010, 56.7220, -36.7980



126.1870, -125.2120, -10.5240



113.5980, -121.4550, 3.9930

Sweetspot

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



110.5880, 130.9400, 27.8680



212.8600, 38.7410, 8.2530



107.5600, 78.8400, 113.0800



101.8520, 24.0240, 5.1440



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



110.5880, 130.9400, 27.8680



103.8340, 139.0550, 29.4790



178.6800, 99.0400, -32.8000



120.0610, 7.1980, 1.7100



77.6540, 104.2110, 22.1870



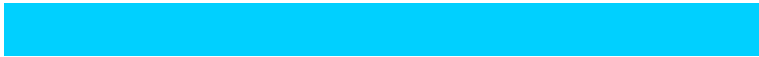
26.1800, 34.8440, 7.2920

Inverse Universe

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



155.4120, -130.9400, -27.8680



151.1660, -139.0550, -29.4790



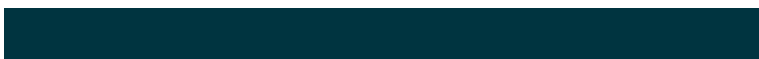
87.3200, -99.0400, 32.8000



122.3520, -6.9230, -1.1870



113.3460, -104.2110, -22.1870



37.8200, -34.8440, -7.2920

Previews

White Background



This preview shows how the YIQ color 110.5880, 130.9400, 27.8680 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 110.5880, 130.9400, 27.8680 looks on a black 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 × Fail

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

YIQ 110.5880, 130.9400, 27.8680

Background



This preview shows how black text looks on a background with the YIQ color 110.5880, 130.9400, 27.8680.



This preview shows how white text looks on a background with the YIQ color 110.5880, 130.9400, 27.8680.

27.8680.

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

110.5880, 130.9400, 27.8680

Protanopia

128.2700, 41.9570, -28.0190

Deuteranopia

125.6670, 65.5240, -31.1160



Tritanopia

113.2130, 119.4750, 42.9230

Trichromacy



Original Color

110.5880, 130.9400, 27.8680

Protanomaly

121.9850, 74.2770, -8.0190

Deuteranomaly

120.2440, 89.5450, -9.3910

Tritanomaly

112.0900, 124.0150, 37.7350

Monochromacy



Original Color

110.5880, 130.9400, 27.8680

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.7040, 48.0480, 10.2880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.5880, 130.9400, 27.8680 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(253, 57, 13)` looks like.

```
.text, #text, p{  
    color:rgb(253, 57, 13)  
}
```

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(253, 57, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 57, 13) }
```

Border

The CSS property to change the border of an element to YIQ 110.5880, 130.9400, 27.8680 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(253, 57, 13) }
```


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

```
.border{ border-color:rgb(253, 57, 13) }
```

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

Here you see how a box with a 4 pixel rgb(253, 57, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 57, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 57, 13);  
box-shadow:4px 4px 4px 4px rgb(253, 57,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 110.5880, 130.9400, 27.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 57, 13) }
```

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

```
.background{ background-color: rgb(253, 57,  
13) }
```

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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