

Converting Colors

YIQ(210.3880, 70.2030,
-44.3330)

Have a look what the booklet for
YIQ(210.3880, 70.2030, -44.3330)
contains.

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Color

**YIQ(210.3880, 70.2030,
-44.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	FADC39
RGB	250, 220, 57
RGB Percent	98%, 86%, 22%
CMY	0.0196, 0.1373, 0.7760
CMYK	0.00, 0.12, 0.77, 0.02
HSL	51°, 95%, 60%
HSV	51°, 77%, 98%
XYZ	65.7525, 71.7986, 14.2774
YIQ	210.3880, 70.2030, -44.3330

Conversions

Conversions Part 2

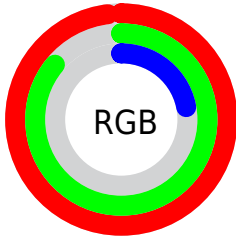
Format	Color
R _Y B	93, 250, 57
Decimal	16440377
CIE Lab	87.87, -5.51, 77.48
CIE LCh	88, 77.677, 94.070
Yxy	71.7986, 0.4331, 0.4729
Android (android.graphics.Color)	4294630457 (0xFFFADC39)
YUV	210.3880, -75.6203, 34.7397
Hunter-Lab	84.7340, -9.7710, 49.3237

Details

The YIQ color **210.3880, 70.2030, -44.3330** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **96.6120, -70.2030, 44.3330**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **239.2680, 44.2980, -42.9180**, and **153.3660, 67.2690, -46.2270** is the 20% darker color. If you saturate the color by 10%, you get **205.1900, 79.3280, -50.0160**, and if you desaturate by 10%, it is **215.5860, 61.0780, -38.6500**.

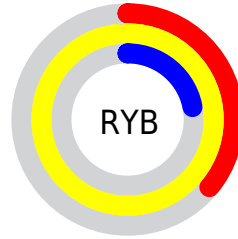
Distribution



Red (98%)

Green (86%)

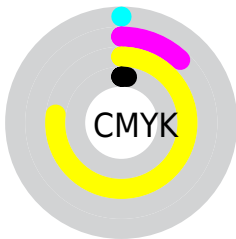
Blue (22%)



Red (36%)

Yellow (98%)

Blue (22%)

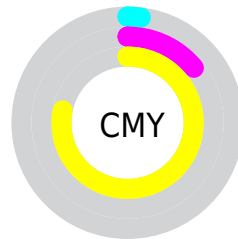


Cyan (0%)

Magenta (12%)

Yellow (77%)

Black (2%)



Cyan (2%)

Magenta (14%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3880, 70.2030, -44.3330 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 210.3880, 70.2030, -44.3330 by changing the saturation by 10% instead.

210.3880, 70.2030,
-44.3330

210.3880, 70.2030,
-44.3330

255.0000, -0.0000,
-0.0000

180.0090, 72.5880,
-49.0120

239.2680, 44.2980,
-42.9180

153.3660, 67.2690,
-46.2270

242.4600, 35.3100,
-34.2100

129.4330, 57.1350,
-38.7770

245.7660, 26.0010,
-25.1910

106.0870, 46.7260,
-31.8500

249.0720, 16.6920,
-16.1720

83.3280, 36.0420,
-25.4460

252.4920, 7.0620,
-6.8420

61.4550, 25.6790,
-19.3530

40.7670, 16.2330,

-13.3590

■ 21.8510, 7.4290,
-7.9870

■ 0.0000, 0.0000,
0.0000

■ 210.3880, 70.2030,
-44.3330

■ 210.3880, 70.2030,
-44.3330

■ 205.1900, 79.3280,
-50.0160

■ 215.5860, 61.0780,
-38.6500

■ 199.9920, 88.4530,
-55.6990

■ 220.7840, 51.9530,
-32.9670

■ 198.6070, 90.9750,
-57.3530

■ 225.9820, 42.8280,
-27.2840

■ 231.1800, 33.7030,
-21.6010

■ 235.7910, 24.8530,
-15.3950

■ 240.9890, 15.7280,
-9.7120

■ 246.1870, 6.6030,
-4.0290

■ 251.1570, -1.8800,
1.0320

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



199.1120, 71.9410, -20.7550



210.3880, 70.2030, -44.3330



203.0520, 9.1350, -60.9530

Triad

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



210.3880, 70.2030, -44.3330



178.1680, -151.7050, -53.5370



202.7570, 24.4750, 46.5470

Complementary

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



210.3880, 70.2030, -44.3330



96.6120, -70.2030, 44.3330

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.



214.6860, 4.9010, 26.8290



210.3880, 70.2030, -44.3330



172.8850, -149.2300, -48.8300

Square

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



210.3880, 70.2030, -44.3330



175.7910, -143.6340, -62.1460



178.7860, -108.5660, -25.8620



189.1640, 42.0820, 41.3300

Rectangle

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



210.3880, 70.2030, -44.3330



191.3780, -47.6250, -67.5370



178.7860, -108.5660, -25.8620



208.0400, 22.0000, 41.8400

Sweetspot

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



210.3880, 70.2030, -44.3330



242.9910, 21.4140, -13.6420



118.3550, 104.7560, 50.8680



120.3740, 13.2060, -8.0580



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.



210.3880, 70.2030, -44.3330



206.2630, 86.2520, -54.3560



208.8620, 23.8090, -73.5910



122.3440, 4.7230, -2.9970



149.8440, 68.9190, -43.0890



48.7630, 22.0560, -14.2640

Inverse Universe

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



96.6120, -70.2030, 44.3330



66.7370, -86.2520, 54.3560



98.1380, -23.8090, 73.5910



114.6560, -4.7230, 2.9970



38.5690, -68.6440, 43.6120



12.8240, -22.3310, 13.7410

Previews

White Background



This preview shows how the YIQ color 210.3880, 70.2030, -44.3330 looks on a white 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

Black Background



This preview shows how the YIQ color 210.3880, 70.2030, -44.3330 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 ✓ Pass

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

YIQ 210.3880, 70.2030, -44.3330

Background



This preview shows how black text looks on a background with the YIQ color 210.3880, 70.2030, -44.3330.



This preview shows how white text looks on a background with the YIQ color 210.3880, 70.2030,

-44.3330.

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

210.3880, 70.2030, -44.3330

Protanopia

210.0780, 68.1400, -45.4920

Deuteranopia

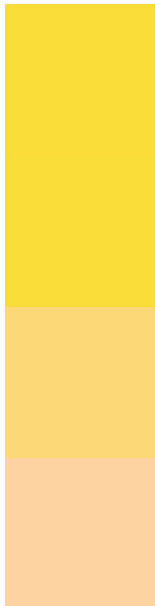
219.4190, 43.6960, -9.9680



Tritanopia

223.5350, 23.8390, 14.0070

Trichromacy



Original Color

210.3880, 70.2030, -44.3330

Protanomaly

210.3770, 68.7360, -45.2800

Deuteranomaly

216.0050, 53.1890, -22.3230

Tritanomaly

218.4450, 40.8070, -7.1690

Monochromacy



Original Color

210.3880, 70.2030, -44.3330

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.4490, 25.8160, -16.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3880, 70.2030, -44.3330 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(250, 220, 57)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 57)  
}
```

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(250, 220, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 57) }
```

Border

The CSS property to change the border of an element to YIQ 210.3880, 70.2030, -44.3330 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(250, 220, 57) }
```


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

```
.border{ border-color:rgb(250, 220, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 220, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 57);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3880, 70.2030, -44.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 57) }
```

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

```
.background{ background-color: rgb(250,  
220, 57) }
```

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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