

Converting Colors

YIQ(211.3480, 67.6800,
-37.1520)

Have a look what the booklet for
YIQ(211.3480, 67.6800, -37.1520)
contains.

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Color

**YIQ(211.3480, 67.6800,
-37.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD949
RGB	253, 217, 73
RGB Percent	99%, 85%, 29%
CMY	0.0079, 0.1491, 0.7133
CMYK	0.00, 0.14, 0.71, 0.01
HSL	48°, 98%, 64%
HSV	48°, 71%, 99%
XYZ	66.5223, 70.9825, 16.5151
YIQ	211.3480, 67.6800, -37.1520

Conversions

Conversions Part 2

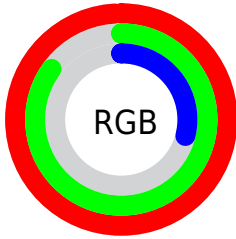
Format	Color
RYB	118, 253, 73
Decimal	16636233
CIELab	87.48, -2.09, 71.75
CIElCh	87, 71.778, 91.669
Yxy	70.9825, 0.4319, 0.4609
Android (android.graphics.Color)	4294826313 (0xFFFD949)
YUV	211.3480, -68.2056, 36.5288
Hunter-Lab	84.2511, -6.5008, 47.3536

Details

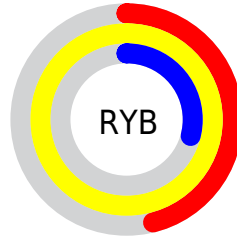
The YIQ color **211.3480, 67.6800, -37.1520** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **114.6520, -67.6800, 37.1520**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.6360, 40.4460, -39.1860**, and **153.0890, 69.6070, -44.5450** is the 20% darker color. If you saturate the color by 10%, you get **205.5630, 77.0800, -42.3120**, and if you desaturate by 10%, it is **217.1330, 58.2800, -31.9920**.

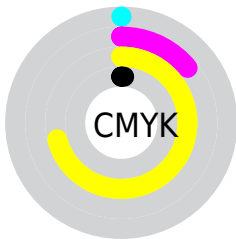
Distribution



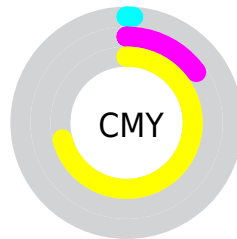
- Red (99%)
- Green (85%)
- Blue (29%)



- Red (46%)
- Yellow (99%)
- Blue (29%)



- Cyan (0%)
- Magenta (14%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.3480, 67.6800, -37.1520 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 211.3480, 67.6800, -37.1520 by changing the saturation by 10% instead.

211.3480, 67.6800,
-37.1520

211.3480, 67.6800,
-37.1520

255.0000, -0.0000,
-0.0000

182.1090, 66.8550,
-38.7210

240.7500, 40.1250,
-38.8750

153.0890, 69.6070,
-44.5450

243.9420, 31.1370,
-30.1670

129.1560, 59.4730,
-37.0950

247.1340, 22.1490,
-21.4590

105.2230, 49.3390,
-29.6450

250.4400, 12.8400,
-12.4400

82.7630, 39.2510,
-23.0290

253.8600, 3.2100,
-3.1100

60.8900, 28.8880,
-16.9360

40.7890, 19.1670,

-11.4650

■ 21.5740, 9.7670,
-6.3050

■ 0.0000, 0.0000,
0.0000

■ 211.3480, 67.6800,
-37.1520

■ 211.3480, 67.6800,
-37.1520

■ 205.5630, 77.0800,
-42.3120

■ 217.1330, 58.2800,
-31.9920

■ 199.7780, 86.4800,
-47.4720

■ 223.0320, 48.5590,
-26.5210

■ 194.2210, 95.2380,
-52.0100

■ 228.8170, 39.1590,
-21.3610

■ 234.6020, 29.7590,
-16.2010

■ 240.5010, 20.0380,
-10.7300

■ 246.2860, 10.6380,
-5.5700

■ 252.0710, 1.2380,
-0.4100

■ 254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



200.1210, 67.7220, -15.8780



211.3480, 67.6800, -37.1520



204.4920, 13.9480, -54.5640

Triad

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



211.3480, 67.6800, -37.1520



176.4070, -150.8800, -51.9680



206.2790, 22.8250, 43.4090

Complementary

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



211.3480, 67.6800, -37.1520



114.6520, -67.6800, 37.1520

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.



214.3430, -1.5630, 22.8290



211.3480, 67.6800, -37.1520



171.7110, -148.6800, -47.7840

Square

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



211.3480, 67.6800, -37.1520



173.7050, -140.5160, -63.5880



182.9610, -101.6890, -23.8410



193.8430, 38.5520, 39.2240

Rectangle

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



211.3480, 67.6800, -37.1520



196.1240, -34.9260, -60.8940



182.9610, -101.6890, -23.8410



211.5620, 20.3500, 38.7020

Sweetspot

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



211.3480, 67.6800, -37.1520



242.3870, 20.3590, -11.0410



131.2660, 94.7610, 50.2890



120.2430, 12.1970, -6.2910



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.



211.3480, 67.6800, -37.1520



205.0210, 81.4820, -44.9980



217.2310, 27.3840, -66.7920



124.7570, 4.9980, -2.4740



146.9200, 71.7610, -39.5270



49.0730, 24.1190, -13.1050

Inverse Universe

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



114.6520, -67.6800, 37.1520



88.5660, -81.7570, 44.4750



108.7690, -27.3840, 66.7920



117.6560, -4.7230, 2.9970



44.0800, -71.7610, 39.5270



14.9270, -24.1190, 13.1050

Previews

White Background



This preview shows how the YIQ color 211.3480, 67.6800, -37.1520 looks on a white background.

Color Contrast Check

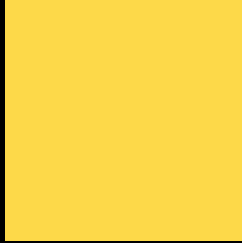
Large Text (above 18pt) WCAG AA × Fail

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 211.3480, 67.6800, -37.1520 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 211.3480, 67.6800, -37.1520

Background



This preview shows how black text looks on a background with the YIQ color 211.3480, 67.6800, -37.1520.



This preview shows how white text looks on a background with the YIQ color 211.3480, 67.6800, -37.1520.

-37.1520.

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

211.3480, 67.6800, -37.1520

Protanopia

210.8310, 61.7660, -40.1060

Deuteranopia

218.4900, 44.9340, -10.3780



Tritanopia

222.7200, 24.7560, 13.9080

Trichromacy



Original Color

211.3480, 67.6800, -37.1520

Protanomaly

211.1410, 63.8290, -38.9470

Deuteranomaly

215.5860, 53.0510, -19.8210

Tritanomaly

218.7270, 40.0730, -4.8790

Monochromacy



Original Color

211.3480, 67.6800, -37.1520

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9590, 24.4400, -13.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3480, 67.6800, -37.1520 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, 217, 73)` looks like.

```
.text, #text, p{  
    color:rgb(253, 217, 73)  
}
```

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, 217, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 217, 73) }
```

Border

The CSS property to change the border of an element to YIQ 211.3480, 67.6800, -37.1520 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, 217, 73) }
```


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

```
.border{ border-color:rgb(253, 217, 73) }
```

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

Here you see how a box with a 4 pixel rgb(253, 217, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 217, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 217, 73);  
box-shadow:4px 4px 4px 4px rgb(253, 217,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3480, 67.6800, -37.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 217, 73) }
```

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

```
.background{ background-color: rgb(253,  
217, 73) }
```

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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