

# Converting Colors

YIQ(218.8840, 38.1930, -3.8470)

Have a look what the booklet for  
YIQ(218.8840, 38.1930, -3.8470)  
contains.

<b>YIQ(218.8840, 38.1930, -3.8470)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(218.8840, 38.1930,  
-3.8470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDD3AA
RGB	253, 211, 170
RGB Percent	99%, 83%, 67%
CMY	0.0078, 0.1726, 0.3331
CMYK	0.00, 0.17, 0.33, 0.01
HSL	30°, 95%, 83%
HSV	30°, 33%, 99%
XYZ	71.0649, 70.3700, 47.8906
YIQ	218.8840, 38.1930, -3.8470

# Conversions

## Conversions Part 2

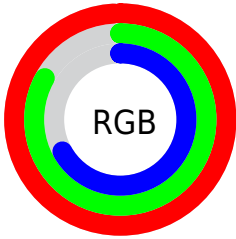
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 251, 170
Decimal	16634794
CIE Lab	87.18, 9.08, 25.79
CIE LCh	87, 27.345, 70.609
Yxy	70.3700, 0.3754, 0.3717
Android (android.graphics.Color)	4294824874 (0xFFFDD3AA)
YUV	218.8840, -24.0998, 29.9197
Hunter-Lab	83.8868, 4.4148, 24.8723

# Details

The YIQ color **218.8840, 38.1930, -3.8470** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **204.1160, -38.1930, 3.8470**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **251.5800, 9.6300, -9.3300**, and **163.9160, 35.1670, -4.0730** is the 20% darker color. If you saturate the color by 10%, you get **208.4030, 49.7930, -4.8230**, and if you desaturate by 10%, it is **229.3650, 26.5930, -2.8710**.

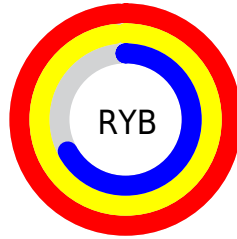
# Distribution



Red (99%)

Green (83%)

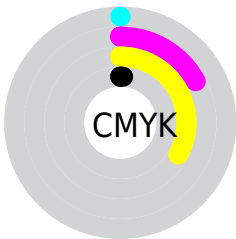
Blue (67%)



Red (99%)

Yellow (98%)

Blue (67%)

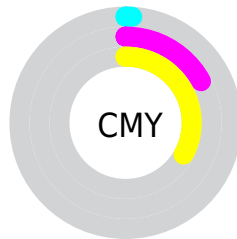


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.8840, 38.1930, -3.8470 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 218.8840, 38.1930, -3.8470 by changing the saturation by 10% instead.



218.8840, 38.1930,  
-3.8470

218.8840, 38.1930,  
-3.8470

255.0000, -0.0000,  
-0.0000

190.6990, 37.2760,  
-3.7480

251.6940, 9.3090,  
-9.0190

163.3290, 35.4420,  
-3.5500

254.8860, 0.3210,  
-0.3110

136.8450, 33.9290,  
-3.6630

111.3610, 32.4160,  
-3.7760

86.5780, 30.3070,  
-4.1010

62.7950, 28.1980,  
-4.4260

40.5560, 27.3730,

-5.9950

■ 20.7540, 18.2480,  
-0.3120

■ 0.0000, 0.0000,  
0.0000

■ 218.8840, 38.1930,  
-3.8470

■ 218.8840, 38.1930,  
-3.8470

■ 208.4030, 49.7930,  
-4.8230

■ 229.3650, 26.5930,  
-2.8710

■ 197.8080, 61.7140,  
-6.1100

■ 239.9600, 14.6720,  
-1.5840

■ 187.9140, 73.0390,  
-7.6090

■ 249.8540, 3.3470,  
-0.0850

■ 177.4330, 84.6390,  
-8.5850

■ 254.4020, -1.1920,  
-0.4240

■ 166.9520, 96.2390,  
-9.5610

■ 156.3570,  
108.1600, -10.8480

■ 149.0220,  
116.4130, -11.7390

# Harmonies

## Analogous

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



216.6100, 36.4490, 5.7370



218.8840, 38.1930, -3.8470



216.3500, 21.7810, -14.7870

# Triad

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



218.8840, 38.1930, -3.8470



207.2000, -48.1380, -19.6740



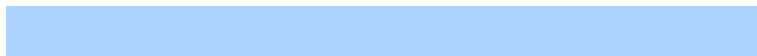
221.7190, 0.1340, 19.6060

# Complementary

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



218.8840, 38.1930, -3.8470



204.1160, -38.1930, 3.8470

# 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.



216.8360, -22.6050, 7.6910



218.8840, 38.1930, -3.8470



207.8650, -57.0800, -11.8000

# Square

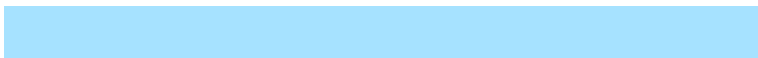
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.8840, 38.1930, -3.8470



209.8140, -26.6800, -23.0960



211.3660, -45.0690, -3.7010



221.7230, 20.6740, 21.8100



# Rectangle

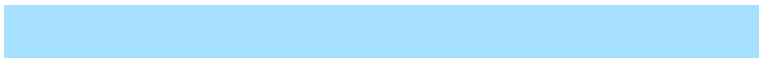
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.8840, 38.1930, -3.8470



214.2880, 7.1560, -19.5640



211.3660, -45.0690, -3.7010



220.1910, -7.2470, 15.7050

# Sweetspot

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



218.8840, 38.1930, -3.8470



244.5190, 11.6000, -0.9760



199.7190, 35.6650, 30.9690



121.4800, 7.3360, -0.7920



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.



218.8840, 38.1930, -3.8470



214.3640, 45.5290, -4.6390



242.9510, 26.9180, -25.2900



122.4090, 6.0980, -0.3820



112.2870, 87.9860, -8.6700

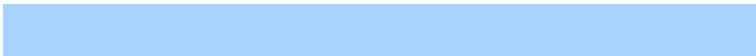


37.3330, 29.6190, -2.6450

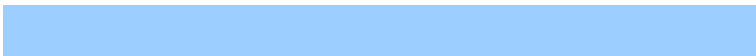


# Inverse Universe

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



204.1160, -38.1930, 3.8470



196.6360, -45.5290, 4.6390



180.0490, -26.9180, 25.2900



120.0040, -5.8230, 0.9050



78.7130, -87.9860, 8.6700



26.0800, -29.3440, 3.1680



# Previews

## White Background



This preview shows how the YIQ color 218.8840, 38.1930, -3.8470 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 218.8840, 38.1930, -3.8470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

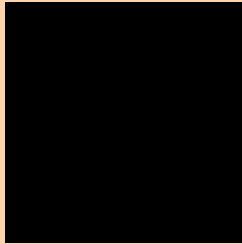
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 218.8840, 38.1930, -3.8470**

## **Background**



This preview shows how black text looks on a background with the YIQ color 218.8840, 38.1930, -3.8470.



This preview shows how white text looks on a background with the YIQ color 218.8840, 38.1930,

-3.8470.

# 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

218.8840, 38.1930, -3.8470

### Protanopia

217.0560, 22.7890, -11.0270

### Deuteranopia

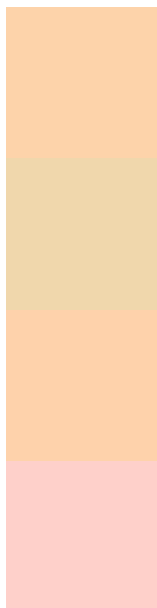
219.1230, 39.0180, -2.2780



## Tritanopia

222.2470, 24.7100, 14.7420

# Trichromacy



## Original Color

218.8840, 38.1930, -3.8470

## Protanomaly

217.5730, 28.7030, -8.0730

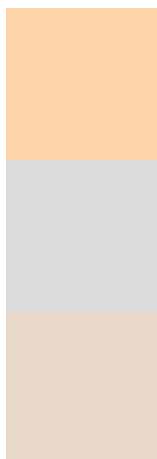
## Deuteranomaly

218.7100, 38.7430, -2.8010

## Tritanomaly

221.0700, 29.3420, 7.8860

# Monochromacy



## Original Color

218.8840, 38.1930, -3.8470

## Achromatopsia

219.0000, 0.0000, -0.0000

## Achromatomaly

218.7750, 13.7550, -1.4850

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.8840, 38.1930, -3.8470 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, 211, 170)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 170)  
}
```

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, 211, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 170) }
```

## Border

The CSS property to change the border of an element to YIQ 218.8840, 38.1930, -3.8470 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, 211, 170) }
```



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

```
.border{ border-color:rgb(253, 211, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 170);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
170) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.8840, 38.1930, -3.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 170) }
```

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

```
.background{ background-color: rgb(253,  
211, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor