

Converting Colors

YIQ(217.8840, 38.1930, -3.8470)

Have a look what the booklet for
YIQ(217.8840, 38.1930, -3.8470)
contains.

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Color

**YIQ(217.8840, 38.1930,
-3.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD2A9
RGB	252, 210, 169
RGB Percent	99%, 82%, 66%
CMY	0.0117, 0.1765, 0.3371
CMYK	0.00, 0.17, 0.33, 0.01
HSL	30°, 93%, 83%
HSV	30°, 33%, 99%
XYZ	70.3598, 69.6497, 47.2945
YIQ	217.8840, 38.1930, -3.8470

Conversions

Conversions Part 2

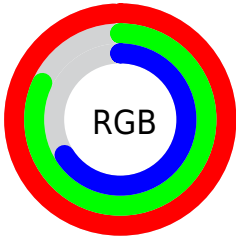
Format	Color
R _Y B	252, 250, 169
Decimal	16569001
CIE Lab	86.82, 9.10, 25.82
CIE LCh	87, 27.374, 70.594
Yxy	69.6497, 0.3756, 0.3719
Android (android.graphics.Color)	4294759081 (0xFFFC D2A9)
YUV	217.8840, -24.0998, 29.9197
Hunter-Lab	83.4564, 4.4397, 24.8200

Details

The YIQ color **217.8840, 38.1930, -3.8470** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **203.1160, -38.1930, 3.8470**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4660, 9.9510, -9.6410**, and **162.9160, 35.1670, -4.0730** is the 20% darker color. If you saturate the color by 10%, you get **207.4030, 49.7930, -4.8230**, and if you desaturate by 10%, it is **228.3650, 26.5930, -2.8710**.

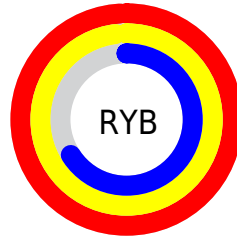
Distribution



Red (99%)

Green (82%)

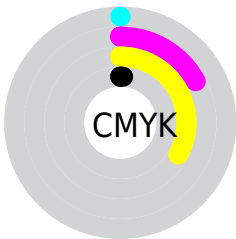
Blue (66%)



Red (99%)

Yellow (98%)

Blue (66%)

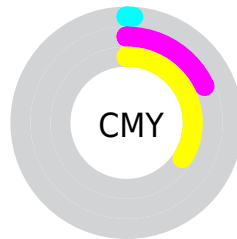


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8840, 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 217.8840, 38.1930, -3.8470 by changing the saturation by 10% instead.

217.8840, 38.1930,
-3.8470

217.8840, 38.1930,
-3.8470

255.0000, -0.0000,
-0.0000

189.6990, 37.2760,
-3.7480

251.4660, 9.9510,
-9.6410

162.9160, 35.1670,
-4.0730

254.7720, 0.6420,
-0.6220

136.4320, 33.6540,
-4.1860

110.3610, 32.4160,
-3.7760

85.5780, 30.3070,
-4.1010

61.7950, 28.1980,
-4.4260

39.6700, 27.0520,

-5.6840

■ 20.7540, 18.2480,
-0.3120

■ 0.0000, 0.0000,
0.0000

■ 217.8840, 38.1930,
-3.8470

■ 217.8840, 38.1930,
-3.8470

■ 207.4030, 49.7930,
-4.8230

■ 228.3650, 26.5930,
-2.8710

■ 196.9220, 61.3930,
-5.7990

■ 238.8460, 14.9930,
-1.8950

■ 186.9140, 73.0390,
-7.6090

■ 248.8540, 3.3470,
-0.0850

■ 176.4330, 84.6390,
-8.5850

■ 254.1030, -1.7880,
-0.6360

■ 165.9520, 96.2390,
-9.5610

■ 155.4710,
107.8390, -10.5370

■ 148.1360,
116.0920, -11.4280

Harmonies

Analogous

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



215.9090, 37.0450, 5.9490



217.8840, 38.1930, -3.8470



215.3500, 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.



217.8840, 38.1930, -3.8470



206.2000, -48.1380, -19.6740



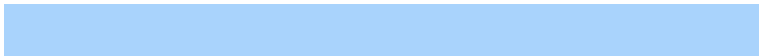
220.8330, -0.1870, 19.9170

Complementary

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



217.8840, 38.1930, -3.8470



203.1160, -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.



215.9500, -22.9260, 8.0020



217.8840, 38.1930, -3.8470



206.8650, -57.0800, -11.8000

Square

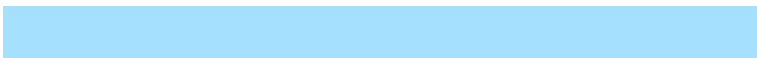
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.8840, 38.1930, -3.8470



208.8140, -26.6800, -23.0960



210.4800, -45.3900, -3.3900



221.0220, 21.2700, 22.0220

Rectangle

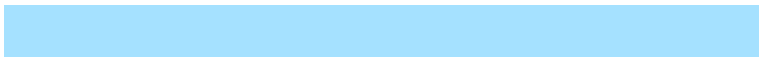
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.8840, 38.1930, -3.8470



213.2880, 7.1560, -19.5640



210.4800, -45.3900, -3.3900



219.3050, -7.5680, 16.0160

Sweetspot

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



217.8840, 38.1930, -3.8470



244.5190, 11.6000, -0.9760



198.7190, 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.



217.8840, 38.1930, -3.8470



212.8480, 47.0420, -4.5260



241.9510, 26.9180, -25.2900



119.9960, 5.8230, -0.9050



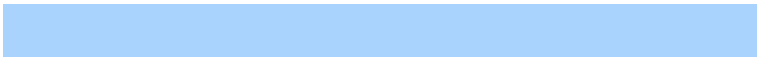
111.1020, 87.0690, -8.5710



35.8490, 28.1060, -2.7580

Inverse Universe

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



203.1160, -38.1930, 3.8470



195.1520, -47.0420, 4.5260



179.0490, -26.9180, 25.2900



117.5910, -6.0980, 0.3820



77.8980, -87.0690, 8.5710



25.1510, -28.1060, 2.7580

Previews

White Background



This preview shows how the YIQ color 217.8840, 38.1930, -3.8470 looks on a white background.

Color Contrast Check

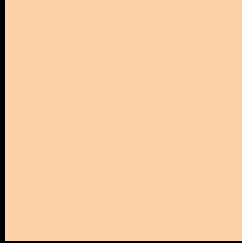
Large Text (above 18pt) WCAG AA × Fail

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 217.8840, 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 217.8840, 38.1930, -3.8470

Background



This preview shows how black text looks on a background with the YIQ color 217.8840, 38.1930, -3.8470.



This preview shows how white text looks on a background with the YIQ color 217.8840, 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

217.8840, 38.1930, -3.8470

Protanopia

216.0560, 22.7890, -11.0270

Deuteranopia

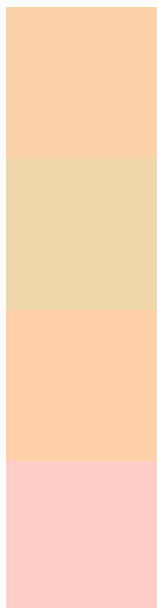
218.1940, 40.2560, -2.6880



Tritanopia

220.9590, 25.5810, 15.4770

Trichromacy



Original Color

217.8840, 38.1930, -3.8470

Protanomaly

216.5730, 28.7030, -8.0730

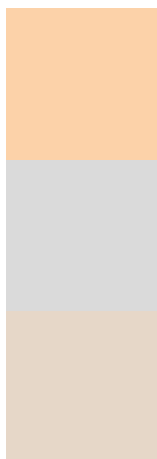
Deuteranomaly

217.8950, 39.6600, -2.9000

Tritanomaly

219.7820, 30.2130, 8.6210

Monochromacy



Original Color

217.8840, 38.1930, -3.8470

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7750, 13.7550, -1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8840, 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(252, 210, 169)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 169)  
}
```

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(252, 210, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 169) }
```

Border

The CSS property to change the border of an element to YIQ 217.8840, 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(252, 210, 169) }
```


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

```
.border{ border-color:rgb(252, 210, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 210, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 169);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8840, 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(252, 210, 169) }
```

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

```
.background{ background-color: rgb(252,  
210, 169) }
```

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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