

Converting Colors

YIQ(211.5850, 37.5970, -4.0590)

Have a look what the booklet for
YIQ(211.5850, 37.5970, -4.0590)
contains.

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Color

**YIQ(211.5850, 37.5970,
-4.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CCA3
RGB	245, 204, 163
RGB Percent	96%, 80%, 64%
CMY	0.0391, 0.2000, 0.3606
CMYK	0.00, 0.17, 0.33, 0.04
HSL	30°, 80%, 80%
HSV	30°, 33%, 96%
XYZ	65.8663, 65.2393, 43.7929
YIQ	211.5850, 37.5970, -4.0590

Conversions

Conversions Part 2

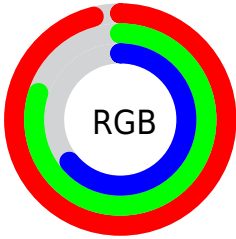
Format	Color
R _{YB}	245, 245, 163
Decimal	16108707
CIE _{Lab}	84.61, 8.81, 25.83
CIE _{LCh}	85, 27.291, 71.158
Y _{xy}	65.2393, 0.3766, 0.3730
Android (android.graphics.Color)	4294298787 (0xFFF5CCA3)
YUV	211.5850, -23.9524, 29.3050
Hunter-Lab	80.7708, 4.2128, 24.3933

Details

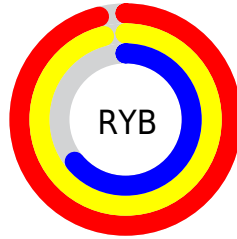
The YIQ color **211.5850, 37.5970, -4.0590** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **196.4150, -37.5970, 4.0590**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **156.9160, 35.1670, -4.0730** is the 20% darker color. If you saturate the color by 10%, you get **201.8050, 48.6010, -5.2470**, and if you desaturate by 10%, it is **221.4790, 26.2720, -2.5600**.

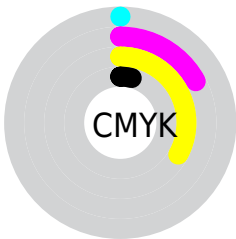
Distribution



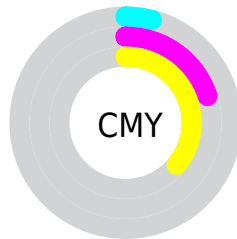
- Red (96%)
- Green (80%)
- Blue (64%)



- Red (96%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.5850, 37.5970, -4.0590 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 211.5850, 37.5970, -4.0590 by changing the saturation by 10% instead.


 211.5850, 37.5970,
-4.0590


 211.5850, 37.5970,
-4.0590

255.0000, -0.0000,
-0.0000


 184.1010, 36.0840,
-4.1720


 250.7820, 11.8770,
-11.5070


 156.9160, 35.1670,
-4.0730

 254.0880, 2.5680,
-2.4880

 130.4320, 33.6540,
-4.1860

 105.0620, 31.8200,
-3.9880

 80.2790, 29.7110,
-4.3130

 57.4960, 27.6020,
-4.6380

 35.2400, 25.4470,

-4.1290

■ 15.1500, 17.1930,
2.2890

■ 0.0000, 0.0000,
0.0000

■ 211.5850, 37.5970,
-4.0590

■ 211.5850, 37.5970,
-4.0590

■ 201.8050, 48.6010,
-5.2470

■ 221.4790, 26.2720,
-2.5600

■ 191.3240, 60.2010,
-6.2230

■ 231.8460, 14.9930,
-1.8950

■ 181.5440, 71.2050,
-7.4110

■ 241.7400, 3.6680,
-0.3960

■ 171.6500, 82.5300,
-8.9100

■ 250.8360, -5.4100,
-1.0740

■ 161.8700, 93.5340,
-10.0980

■ 252.0100, -5.9600,
-2.1200

■ 151.3890,
105.1340, -11.0740

■ 144.8690,
112.4700, -11.8660

Harmonies

Analogous

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



211.5890, 40.9420, 6.9100



211.5850, 37.5970, -4.0590



209.4640, 21.4600, -14.4760

Triad

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



211.5850, 37.5970, -4.0590



200.2000, -48.1380, -19.6740



214.3600, -0.2330, 20.7510

Complementary

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



211.5850, 37.5970, -4.0590



196.4150, -37.5970, 4.0590

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.



210.0470, -24.5770, 10.3910



211.5850, 37.5970, -4.0590



200.8650, -57.0800, -11.8000

Square

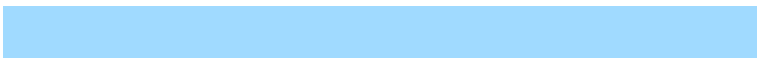
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.5850, 37.5970, -4.0590



202.9280, -27.0010, -22.7850



204.8760, -46.4450, -0.7890



215.8050, 23.3790, 22.3470

Rectangle

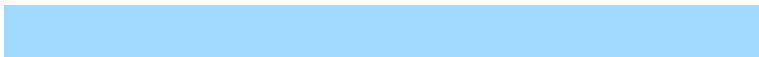
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211.5850, 37.5970, -4.0590



207.1030, 6.2390, -19.4650



204.8760, -46.4450, -0.7890



213.7010, -8.6230, 18.6170

Sweetspot

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



211.5850, 37.5970, -4.0590



244.5190, 11.6000, -0.9760



192.3060, 35.3900, 30.4460



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.



211.5850, 37.5970, -4.0590



213.4350, 46.7670, -5.0490



235.0650, 26.5970, -24.9790



117.1100, 5.5020, -0.5940



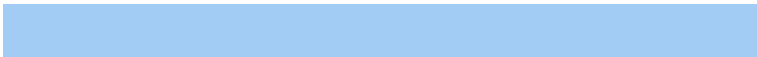
110.2050, 85.2810, -9.2070



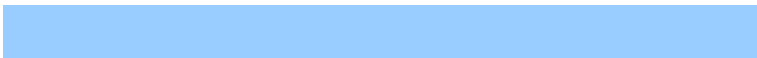
34.6640, 27.1890, -2.6590

Inverse Universe

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



196.4150, -37.5970, 4.0590



194.5650, -46.7670, 5.0490



172.9350, -26.5970, 24.9790



114.8900, -5.5020, 0.5940



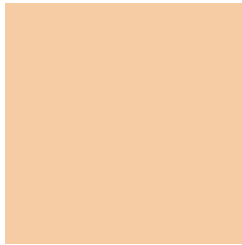
75.7950, -85.2810, 9.2070



23.7490, -26.9140, 3.1820

Previews

White Background



This preview shows how the YIQ color 211.5850, 37.5970, -4.0590 looks on a white background.

Color Contrast Check

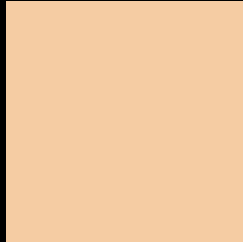
Large Text (above 18pt) WCAG AA × Fail

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 211.5850, 37.5970, -4.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

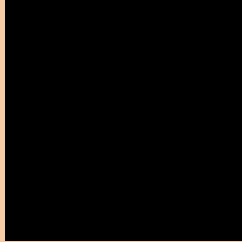
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.5850, 37.5970, -4.0590

Background



This preview shows how black text looks on a background with the YIQ color 211.5850, 37.5970, -4.0590.



This preview shows how white text looks on a background with the YIQ color 211.5850, 37.5970,

-4.0590.

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

211.5850, 37.5970, -4.0590

Protanopia

210.0560, 22.7890, -11.0270

Deuteranopia

211.8950, 39.6600, -2.9000



Tritanopia

214.5570, 26.7730, 15.9010

Trichromacy



Original Color

211.5850, 37.5970, -4.0590

Protanomaly

210.2740, 28.1070, -8.2850

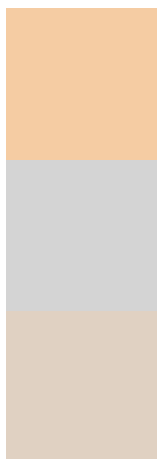
Deuteranomaly

211.5960, 39.0640, -3.1120

Tritanomaly

213.6680, 30.5340, 8.3100

Monochromacy



Original Color

211.5850, 37.5970, -4.0590

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.7750, 13.7550, -1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.5850, 37.5970, -4.0590 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(245, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 163)  
}
```

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(245, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 163) }
```

Border

The CSS property to change the border of an element to YIQ 211.5850, 37.5970, -4.0590 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(245, 204, 163) }
```


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

```
.border{ border-color:rgb(245, 204, 163) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 211.5850, 37.5970, -4.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 163) }
```

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

```
.background{ background-color: rgb(245,  
204, 163) }
```

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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