

Converting Colors

YIQ(216.1410, 38.6070,
-11.3530)

Have a look what the booklet for
YIQ(216.1410, 38.6070, -11.3530)
contains.

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Color

**YIQ(216.1410, 38.6070,
-11.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D59A
RGB	246, 213, 154
RGB Percent	96%, 84%, 60%
CMY	0.0353, 0.1647, 0.3959
CMYK	0.00, 0.13, 0.37, 0.04
HSL	38°, 84%, 78%
HSV	38°, 37%, 96%
XYZ	67.6375, 69.5110, 40.4461
YIQ	216.1410, 38.6070, -11.3530

Conversions

Conversions Part 2

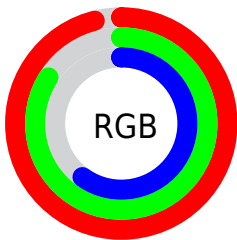
Format	Color
R _Y B	205, 246, 154
Decimal	16176538
CIE Lab	86.76, 3.48, 33.40
CIE LCh	87, 33.577, 84.052
Yxy	69.5110, 0.3809, 0.3914
Android (android.graphics.Color)	4294366618 (0xFFFF6D59A)
YUV	216.1410, -30.6355, 26.1863
Hunter-Lab	83.3732, -1.0931, 29.5985

Details

The YIQ color **216.1410, 38.6070, -11.3530** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **183.8590, -38.6070, 11.3530**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7560, 14.7660, -14.3060**, and **160.5860, 35.8560, -11.0560** is the 20% darker color. If you saturate the color by 10%, you get **208.0080, 49.1070, -14.4210**, and if you desaturate by 10%, it is **224.2740, 28.1070, -8.2850**.

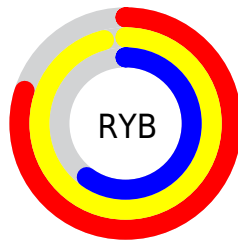
Distribution



Red (96%)

Green (84%)

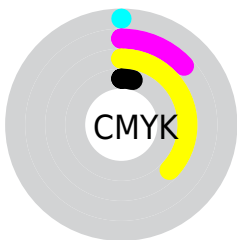
Blue (60%)



Red (80%)

Yellow (96%)

Blue (60%)

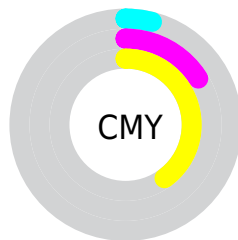


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1410, 38.6070, -11.3530 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 216.1410, 38.6070, -11.3530 by changing the saturation by 10% instead.

216.1410, 38.6070,
-11.3530

216.1410, 38.6070,
-11.3530

255.0000, -0.0000,
-0.0000

188.0700, 37.3690,
-10.9430

249.7560, 14.7660,
-14.3060

160.5860, 35.8560,
-11.0560

252.9480, 5.7780,
-5.5980

134.2160, 34.0220,
-10.8580

108.7320, 32.5090,
-10.9710

84.2480, 30.9960,
-11.0840

60.2370, 29.5290,
-12.0310

39.6370, 22.6510,

-8.5250

■ 20.7210, 13.8470,
-3.1530

■ 0.0000, 0.0000,
0.0000

■ 216.1410, 38.6070,
-11.3530

■ 216.1410, 38.6070,
-11.3530

■ 208.0080, 49.1070,
-14.4210

■ 224.2740, 28.1070,
-8.2850

■ 199.9890, 59.2860,
-17.1780

■ 232.2930, 17.9280,
-5.5280

■ 191.8560, 69.7860,
-20.2460

■ 239.8390, 7.7030,
-1.9370

■ 184.4240, 79.6900,
-23.5260

■ 247.8580, -2.4760,
0.8200

■ 176.2910, 90.1900,
-26.5940

■ 252.3090, -5.3640,
-1.9080

■ 168.1580,
100.6900, -29.6620

■ 166.3000,
103.1660, -30.4820

Harmonies

Analogous

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



213.8570, 42.8230, 0.3510



216.1410, 38.6070, -11.3530



212.6000, 14.9050, -22.3350

Triad

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



216.1410, 38.6070, -11.3530



201.4130, -70.7870, -22.2030



222.4050, 13.0620, 27.6060

Complementary

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



216.1410, 38.6070, -11.3530



183.8590, -38.6070, 11.3530

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.



216.6140, -12.9320, 14.1080



216.1410, 38.6070, -11.3530



202.6510, -68.2210, -13.6370

Square

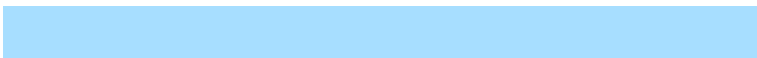
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.1410, 38.6070, -11.3530



204.0440, -47.9990, -27.7030



209.3170, -43.3730, -1.3970



215.7730, 26.4050, 22.5730

Rectangle

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



216.1410, 38.6070, -11.3530



210.4280, -5.2220, -26.5180



209.3170, -43.3730, -1.3970



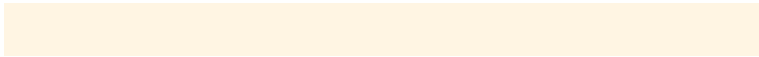
220.8770, 5.6810, 23.7050

Sweetspot

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



216.1410, 38.6070, -11.3530



245.9380, 11.7380, -3.4780



185.3840, 43.9180, 30.0780



122.5400, 7.1070, -2.1490



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.



216.1410, 38.6070, -11.3530



217.8230, 48.1900, -14.3220



231.9240, 22.3800, -31.1560



118.2840, 4.9520, -1.6400



125.4670, 78.1310, -22.8050



39.9470, 24.7140, -7.3660

Inverse Universe

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



183.8590, -38.6070, 11.3530



177.1770, -48.1900, 14.3220



168.0760, -22.3800, 31.1560



114.3030, -5.2270, 1.1170



60.5330, -78.1310, 22.8050



19.0530, -24.7140, 7.3660

Previews

White Background



This preview shows how the YIQ color 216.1410, 38.6070, -11.3530 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 216.1410, 38.6070, -11.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

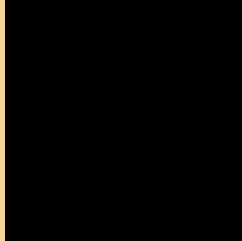
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.1410, 38.6070, -11.3530

Background



This preview shows how black text looks on a background with the YIQ color 216.1410, 38.6070, -11.3530.



This preview shows how white text looks on a background with the YIQ color 216.1410, 38.6070, -11.3530.

-11.3530.

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

216.1410, 38.6070, -11.3530

Protanopia

215.1290, 29.7130, -15.3670

Deuteranopia

217.3960, 42.5030, -4.8650



Tritanopia

220.4750, 24.0680, 15.3640

Trichromacy



Original Color

216.1410, 38.6070, -11.3530

Protanomaly

215.6240, 32.6930, -14.3070

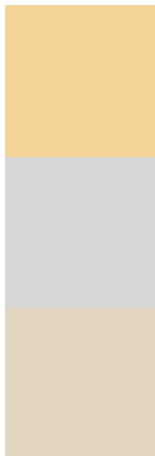
Deuteranomaly

216.7440, 41.4030, -6.9570

Tritanomaly

218.6030, 29.1590, 5.6950

Monochromacy



Original Color

216.1410, 38.6070, -11.3530

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0800, 14.2140, -4.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1410, 38.6070, -11.3530 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(246, 213, 154)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 154)  
}
```

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(246, 213, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 154) }
```

Border

The CSS property to change the border of an element to YIQ 216.1410, 38.6070, -11.3530 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(246, 213, 154) }
```


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

```
.border{ border-color:rgb(246, 213, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 154);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1410, 38.6070, -11.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 154) }
```

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

```
.background{ background-color: rgb(246,  
213, 154) }
```

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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