

# Converting Colors

YIQ(246.4410, 3.0720, -0.6080)

Have a look what the booklet for  
YIQ(246.4410, 3.0720, -0.6080)  
contains.

<b>YIQ(246.4410, 3.0720, -0.6080)</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(246.4410, 3.0720,  
-0.6080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F6F2
RGB	249, 246, 242
RGB Percent	98%, 96%, 95%
CMY	0.0235, 0.0353, 0.0510
CMYK	0.00, 0.01, 0.03, 0.02
HSL	34°, 37%, 96%
HSV	34°, 3%, 98%
XYZ	88.0503, 92.4618, 97.2136
YIQ	246.4410, 3.0720, -0.6080

# Conversions

## Conversions Part 2

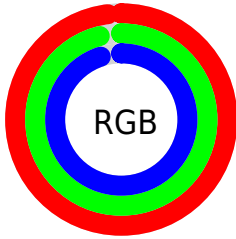
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 249, 242
Decimal	16381682
CIE <sub>Lab</sub>	97.01, 0.31, 2.26
CIE <sub>LCh</sub>	97, 2.280, 82.173
Yxy	92.4618, 0.3170, 0.3329
Android (android.graphics.Color)	4294571762 (0xFFFF9F6F2)
YUV	246.4410, -2.1894, 2.2442
Hunter-Lab	96.1570, -4.8236, 7.3684

# Details

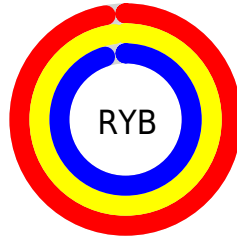
The YIQ color  $246.4410, 3.0720, -0.6080$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $244.5590, -3.0720, 0.6080$ , and the grayscale version is  $246.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $190.4410, 3.0720, -0.6080$  is the 20% darker color. If you saturate the color by 10%, you get  $237.1340, 14.1220, -2.6300$ , and if you desaturate by 10%, it is  $253.2060, -3.5760, -1.2720$ .

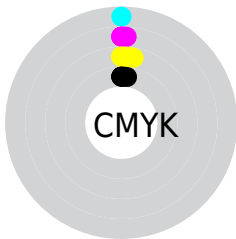
# Distribution



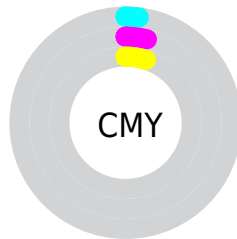
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (97%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 246.4410, 3.0720, -0.6080 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 246.4410, 3.0720, -0.6080 by changing the saturation by 10% instead.



246.4410, 3.0720,  
-0.6080

246.4410, 3.0720,  
-0.6080

255.0000, -0.0000,  
-0.0000

218.1420, 2.4760,  
-0.8200

190.4410, 3.0720,  
-0.6080

163.1420, 2.4760,  
-0.8200

136.5550, 2.7510,  
-0.2970

111.5550, 2.7510,  
-0.2970

87.1420, 2.4760,  
-0.8200

64.1420, 2.4760,

-0.8200

■ 42.2560, 2.1550,  
-0.5090

■ 21.2560, 2.1550,  
-0.5090

■ 246.4410, 3.0720,  
-0.6080

■ 246.4410, 3.0720,  
-0.6080

■ 237.1340, 14.1220,  
-2.6300

■ 253.2060, -3.5760,  
-1.2720

■ 228.4140, 24.8970,  
-5.1750

■ 219.1070, 35.9470,  
-7.1970

■ 209.8000, 46.9970,  
-9.2190

■ 201.1940, 57.4510,  
-11.4530

■ 191.8870, 68.5010,  
-13.4750

■ 182.5800, 79.5510,  
-15.4970

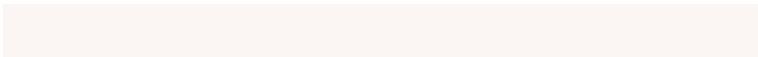
■ 173.8600, 90.3260,  
-18.0420

■ 164.5530,  
101.3760, -20.0640

# Harmonies

## Analogous

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



246.5660, 4.2180, 0.6500



246.4410, 3.0720, -0.6080



246.1310, 1.0090, -1.7670

# Triad

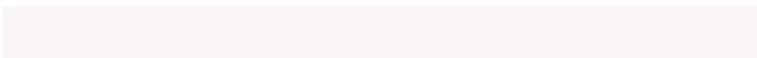
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.4410, 3.0720, -0.6080



245.9070, -4.1720, -1.4840



246.6520, 1.1000, 2.0920

# Complementary

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



246.4410, 3.0720, -0.6080



244.5590, -3.0720, 0.6080

# 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.



246.4560, -1.2840, 1.2440



246.4410, 3.0720, -0.6080



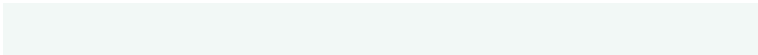
245.8470, -3.9430, -0.1270

# Square

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



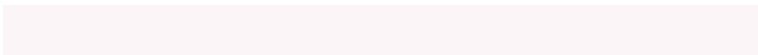
246.4410, 3.0720, -0.6080



245.9780, -2.9340, -1.8940



246.5590, -3.0720, 0.6080

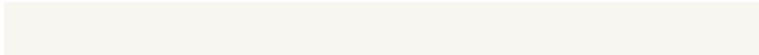


247.0220, 2.9340, 1.8940



# Rectangle

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



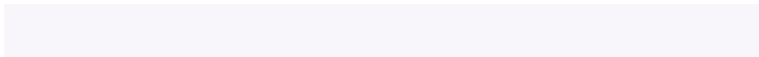
246.4410, 3.0720, -0.6080



245.9460, 0.0920, -1.6680



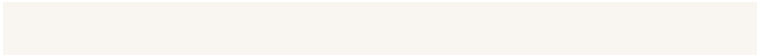
246.5590, -3.0720, 0.6080



247.0540, -0.0920, 1.6680

# Sweetspot

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



246.4410, 3.0720, -0.6080



254.0710, 1.2380, -0.4100



244.4350, 3.2090, 2.4170



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000

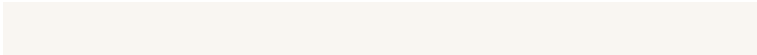


128.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.4410, 3.0720, -0.6080



252.3270, 3.3930, -0.9190



248.2020, 2.2470, -2.1770



123.2560, 2.1550, -0.5090



119.9070, 82.9440, -16.4160



38.7840, 26.7310, -5.3730



# Inverse Universe

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



244.5590, -3.0720, 0.6080



250.2600, -3.6680, 0.3960



242.7980, -2.2470, 2.1770



121.7440, -2.1550, 0.5090



69.0930, -82.9440, 16.4160

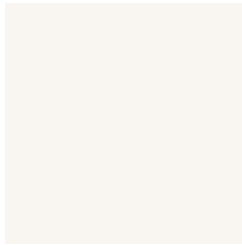


22.2160, -26.7310, 5.3730



# Previews

## White Background



This preview shows how the YIQ color 246.4410, 3.0720, -0.6080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

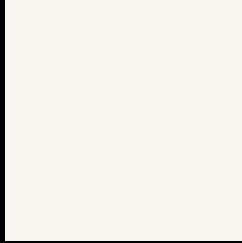
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 246.4410, 3.0720, -0.6080 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

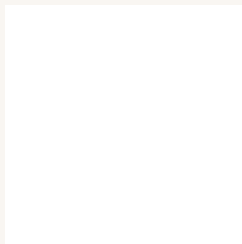
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 246.4410, 3.0720, -0.6080**

## **Background**



This preview shows how black text looks on a background with the YIQ color 246.4410, 3.0720, -0.6080.



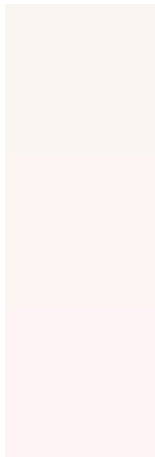
This preview shows how white text looks on a background with the YIQ color 246.4410, 3.0720, -0.6080.

-0.680.

# 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

246.4410, 3.0720, -0.6080

### Protanopia

246.7510, 5.1350, 0.5510

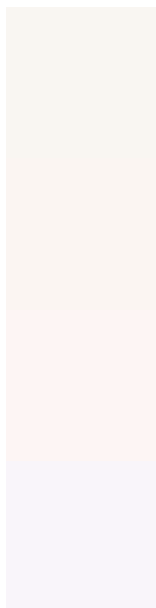
### Deuteranopia

247.4030, 6.2350, 2.6430

## Tritanopia

247.3360, -0.8260, 3.9580

# Trichromacy



## Original Color

246.4410, 3.0720, -0.6080

## Protanomaly

246.4520, 4.5390, 0.3390

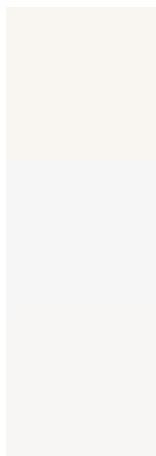
## Deuteranomaly

247.2780, 5.0890, 1.3850

## Tritanomaly

246.7660, 0.7790, 2.4030

# Monochromacy



## Original Color

246.4410, 3.0720, -0.6080

## Achromatopsia

246.0000, -0.0000, -0.0000

## Achromatomaly

246.1850, 0.9170, -0.0990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 246.4410, 3.0720, -0.6080 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(249, 246, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 242)  
}
```

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(249, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 242) }
```

## Border

The CSS property to change the border of an element to YIQ 246.4410, 3.0720, -0.6080 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(249, 246, 242) }
```



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

```
.border{ border-color:rgb(249, 246, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
242) }
```

# Background

The CSS property to change the background color of an element to YIQ 246.4410, 3.0720, -0.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 242) }
```

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

```
.background{ background-color: rgb(249,  
246, 242) }
```

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