

# Converting Colors

YIQ(247.2840, 4.9520, -1.6400)

Have a look what the booklet for  
YIQ(247.2840, 4.9520, -1.6400)  
contains.

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# Color

**YIQ(247.2840, 4.9520,  
-1.6400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF7EF
RGB	251, 247, 239
RGB Percent	98%, 97%, 94%
CMY	0.0157, 0.0314, 0.0627
CMYK	0.00, 0.02, 0.05, 0.02
HSL	40°, 60%, 96%
HSV	40°, 5%, 98%
XYZ	88.6253, 93.2623, 94.9968
YIQ	247.2840, 4.9520, -1.6400

# Conversions

## Conversions Part 2

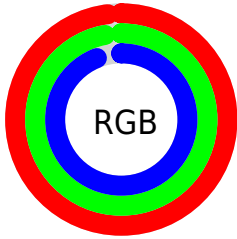
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 251, 239
Decimal	16513007
CIE Lab	97.33, -0.03, 4.30
CIE LCh	97, 4.295, 90.435
Yxy	93.2623, 0.3201, 0.3368
Android (android.graphics.Color)	4294703087 (0xFFFBF7EF)
YUV	247.2840, -4.0840, 3.2589
Hunter-Lab	96.5724, -5.1908, 9.2780

# Details

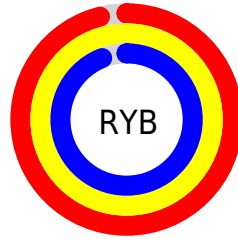
The YIQ color 247.2840, 4.9520, -1.6400 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 242.7160, -4.9520, 1.6400, and the grayscale version is 247.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 190.9850, 4.3560, -1.8520 is the 20% darker color. If you saturate the color by 10%, you get 239.7380, 15.1770, -5.2310, and if you desaturate by 10%, it is 253.8040, -2.3840, -0.8480.

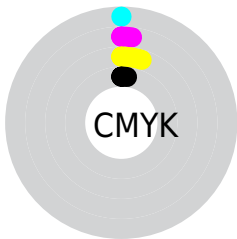
# Distribution



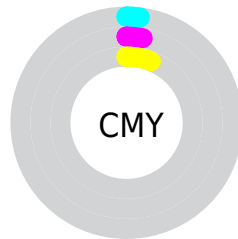
- Red (98%)
- Green (97%)
- Blue (94%)



- Red (96%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 247.2840, 4.9520, -1.6400 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 247.2840, 4.9520, -1.6400 by changing the saturation by 10% instead.



 247.2840, 4.9520,  
-1.6400

 247.2840, 4.9520,  
-1.6400


255.0000, -0.0000,  
-0.0000


 218.9850, 4.3560,  
-1.8520

 190.9850, 4.3560,  
-1.8520

 163.9850, 4.3560,  
-1.8520

 137.3980, 4.6310,  
-1.3290

 112.0990, 4.0350,  
-1.5410

 88.0990, 4.0350,  
-1.5410

 64.2130, 3.7140,

-1.2300

■ 42.2130, 3.7140,  
-1.2300

■ 22.0990, 4.0350,  
-1.5410

■ 247.2840, 4.9520,  
-1.6400

■ 247.2840, 4.9520,  
-1.6400

■ 239.7380, 15.1770,  
-5.2310

■ 253.8040, -2.3840,  
-0.8480

■ 231.6050, 25.6770,  
-8.2990

■ 224.0590, 35.9020,  
-11.8900

■ 216.5130, 46.1270,  
-15.4810

■ 208.3800, 56.6270,  
-18.5490

■ 200.7200, 67.1730,  
-22.4510

■ 192.5870, 77.6730,  
-25.5190

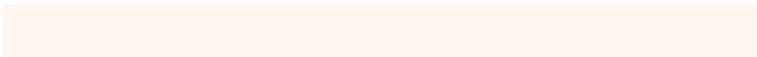
■ 185.0410, 87.8980,  
-29.1100

■ 177.4950, 98.1230,  
-32.7010

# Harmonies

## Analogous

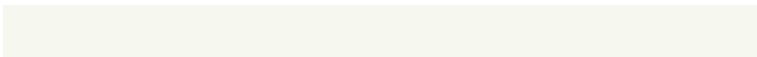
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.0070, 7.2900, 0.0420



247.2840, 4.9520, -1.6400



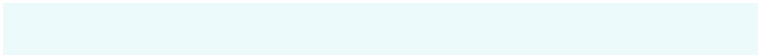
246.4900, 1.3760, -2.9120

# Triad

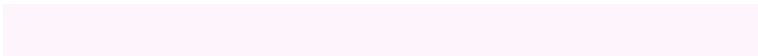
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.2840, 4.9520, -1.6400



246.2270, -8.0690, -2.4450



248.0760, 2.8420, 3.5620

# Complementary

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



247.2840, 4.9520, -1.6400



242.7160, -4.9520, 1.6400

# Split Complementary

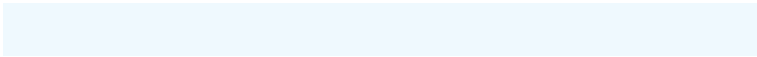
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.5100, -1.3760, 2.9120



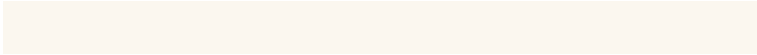
247.2840, 4.9520, -1.6400



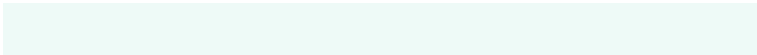
246.5800, -7.5650, -0.5650

# Square

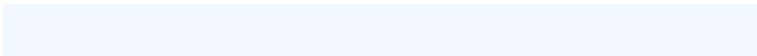
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.2840, 4.9520, -1.6400



246.0700, -6.1890, -3.4770



247.3030, -5.2270, 1.1170



248.2180, 5.3180, 2.7420



# Rectangle

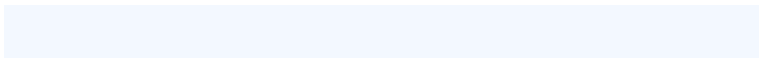
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.2840, 4.9520, -1.6400



246.4080, -1.3290, -3.4490



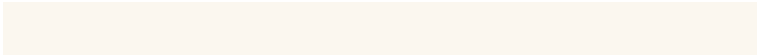
247.3030, -5.2270, 1.1170



248.0050, 1.6040, 3.9720

# Sweetspot

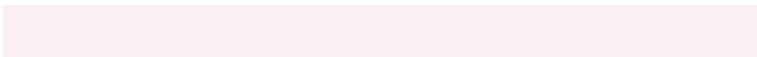
The Sweet Spot groups the original color and five complimentary colors.



247.2840, 4.9520, -1.6400



254.0710, 1.2380, -0.4100



243.0440, 5.8680, 3.7880



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

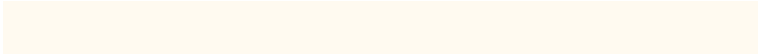


# Same Dimension

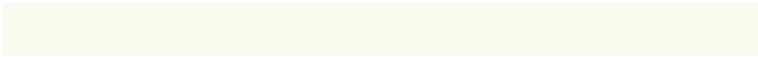
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.2840, 4.9520, -1.6400



250.3550, 6.1900, -2.0500



249.0340, 2.6600, -4.1560



122.2130, 3.7140, -1.2300



130.4730, 77.9940, -25.8300



42.3060, 25.0810, -8.5110



# Inverse Universe

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



242.7160, -4.9520, 1.6400



244.6450, -6.1900, 2.0500



240.9660, -2.6600, 4.1560



118.7870, -3.7140, 1.2300



58.5270, -77.9940, 25.8300

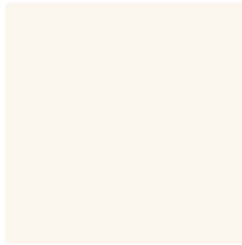


18.6940, -25.0810, 8.5110



# Previews

## White Background



This preview shows how the YIQ color 247.2840, 4.9520, -1.6400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

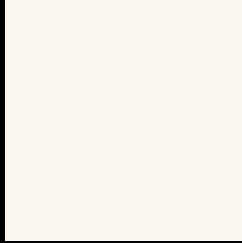
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 247.2840, 4.9520, -1.6400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

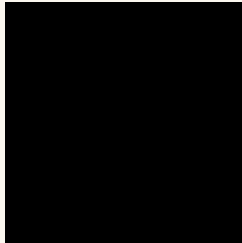
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

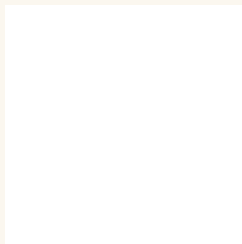
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 247.2840, 4.9520, -1.6400**

## **Background**



This preview shows how black text looks on a background with the YIQ color 247.2840, 4.9520, -1.6400.



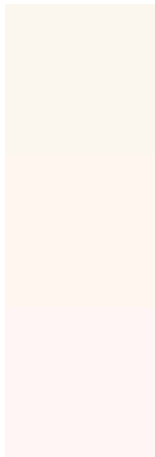
This preview shows how white text looks on a background with the YIQ color 247.2840, 4.9520, -1.6400.

-1.600.

# 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

247.2840, 4.9520, -1.6400

### Protanopia

247.5940, 7.0150, -0.4810

### Deuteranopia

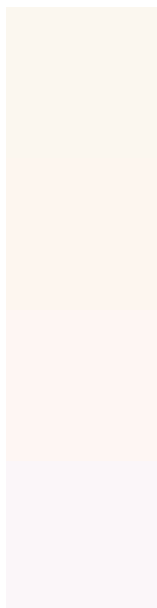
247.9900, 5.9600, 2.1200



## Tritanopia

247.9340, 0.3660, 4.3820

# Trichromacy



## Original Color

247.2840, 4.9520, -1.6400

## Protanomaly

247.2950, 6.4190, -0.6930

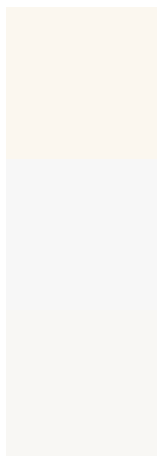
## Deuteranomaly

248.0500, 5.7310, 0.7630

## Tritanomaly

247.8370, 2.0170, 1.9930

# Monochromacy



## Original Color

247.2840, 4.9520, -1.6400

## Achromatopsia

247.0000, -0.0000, -0.0000

## Achromatomaly

246.9570, 1.5590, -0.7210

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 247.2840, 4.9520, -1.6400 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(251, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 239)  
}
```

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(251, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 239) }
```

## Border

The CSS property to change the border of an element to YIQ 247.2840, 4.9520, -1.6400 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(251, 247, 239) }
```



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

```
.border{ border-color:rgb(251, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
239) }
```

# Background

The CSS property to change the background color of an element to YIQ 247.2840, 4.9520, -1.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 239) }
```

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

```
.background{ background-color: rgb(251,  
247, 239) }
```

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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