

Converting Colors

YIQ(249.3700, 1.8340, -0.1980)

Have a look what the booklet for
YIQ(249.3700, 1.8340, -0.1980)
contains.

| | |
|--|----|
| YIQ(249.3700, 1.8340, -0.1980) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

**YIQ(249.3700, 1.8340,
-0.1980)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBF9F7 |
| RGB | 251, 249, 247 |
| RGB Percent | 98%, 98%, 97% |
| CMY | 0.0157, 0.0235, 0.0314 |
| CMYK | 0.00, 0.01, 0.02, 0.02 |
| HSL | 30°, 33%, 98% |
| HSV | 30°, 2%, 98% |
| XYZ | 90.4483, 94.9758, 101.5625 |
| YIQ | 249.3700, 1.8340, -0.1980 |

Conversions

Conversions Part 2

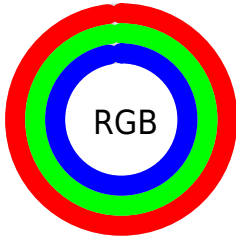
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 251, 251, 247 |
| Decimal | 16513527 |
| CIE Lab | 98.02, 0.32, 1.18 |
| CIE LCh | 98, 1.222, 74.804 |
| Yxy | 94.9758, 0.3152, 0.3309 |
| Android (android.graphics.Color) | 4294703607 (0xFFFBF9F7) |
| YUV | 249.3700, -1.1684, 1.4295 |
| Hunter-Lab | 97.4555, -4.8817, 6.4302 |

Details

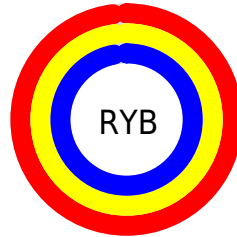
The YIQ color 249.3700, 1.8340, -0.1980 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248.6300, -1.8340, 0.1980, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.3700, 1.8340, -0.1980 is the 20% darker color. If you saturate the color by 10%, you get 238.8890, 13.4340, -1.1740, and if you desaturate by 10%, it is 253.8040, -2.3840, -0.8480.

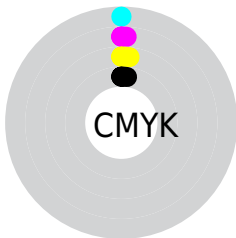
Distribution



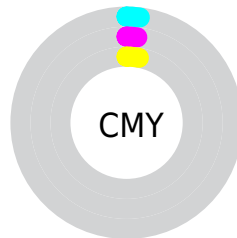
- Red (98%)
- Green (98%)
- Blue (97%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the YIQ color 249.3700, 1.8340, -0.1980 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 249.3700, 1.8340, -0.1980 by changing the saturation by 10% instead.

 249.3700, 1.8340,
-0.1980


 249.3700, 1.8340,
-0.1980


255.0000, -0.0000,
-0.0000


 220.4840, 1.5130,
0.1130

 193.3700, 1.8340,
-0.1980

 165.4840, 1.5130,
0.1130

 139.3700, 1.8340,
-0.1980

 114.0710, 1.2380,
-0.4100

 89.4840, 1.5130,
0.1130

 66.0710, 1.2380,

-0.4100

■ 44.0710, 1.2380,
-0.4100

■ 23.4840, 1.5130,
0.1130

■ 249.3700, 1.8340,
-0.1980

■ 249.3700, 1.8340,
-0.1980

■ 238.8890, 13.4340,
-1.1740

■ 253.8040, -2.3840,
-0.8480

■ 228.9950, 24.7590,
-2.6730

■ 218.5140, 36.3590,
-3.6490

■ 208.6200, 47.6840,
-5.1480

■ 198.1390, 59.2840,
-6.1240

■ 188.1310, 70.9300,
-7.9340

■ 177.6500, 82.5300,
-8.9100

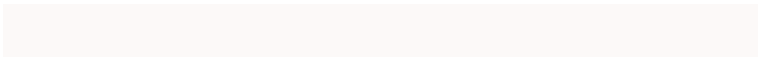
■ 167.7560, 93.8550,
-10.4090

■ 157.2750,
105.4550, -11.3850

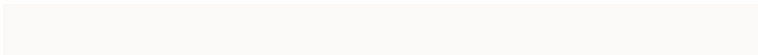
Harmonies

Analogous

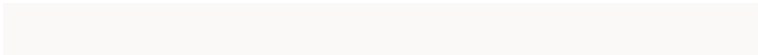
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.7830, 2.1090, 0.3250



249.3700, 1.8340, -0.1980



249.0710, 1.2380, -0.4100

Triad

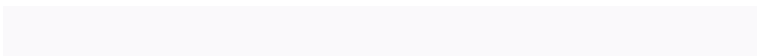
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.3700, 1.8340, -0.1980



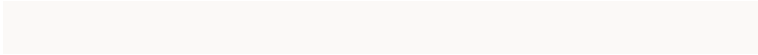
249.1030, -1.7880, -0.6360



249.5270, -0.0460, 0.8340

Complementary

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



249.3700, 1.8340, -0.1980



248.6300, -1.8340, 0.1980

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.



249.3420, -0.9630, 0.9330



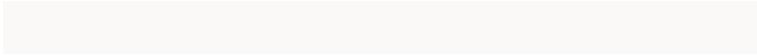
249.3700, 1.8340, -0.1980



249.2170, -2.1090, -0.3250

Square

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



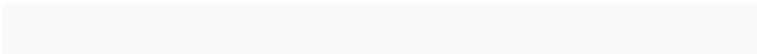
249.3700, 1.8340, -0.1980



248.9890, -1.4670, -0.9470



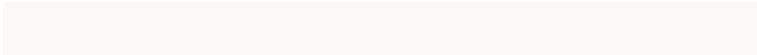
249.6300, -1.8340, 0.1980



249.7120, 0.8710, 0.7350

Rectangle

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



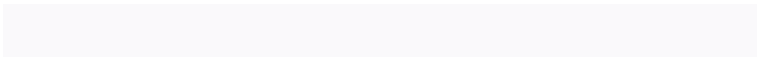
249.3700, 1.8340, -0.1980



249.3590, 0.3670, -1.1450



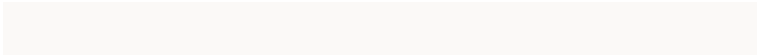
249.6300, -1.8340, 0.1980



249.5270, -0.0460, 0.8340

Sweetspot

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



249.3700, 1.8340, -0.1980

255.0000, -0.0000, -0.0000



248.4240, 1.7420, 1.4700



128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



249.3700, 1.8340, -0.1980



252.6690, 2.4300, 0.0140



250.5440, 1.2840, -1.2440



124.0710, 1.2380, -0.4100



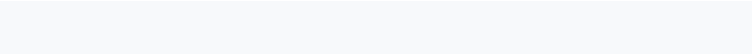
111.6890, 86.7940, -9.0940



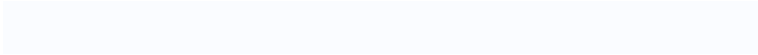
36.4360, 27.8310, -3.2810

Inverse Universe

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



248.6300, -1.8340, 0.1980



251.7440, -2.1550, 0.5090



247.4560, -1.2840, 1.2440



123.5160, -1.5130, -0.1130



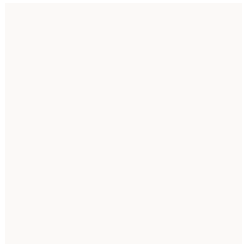
76.7240, -86.5190, 9.6170



25.1510, -28.1060, 2.7580

Previews

White Background



This preview shows how the YIQ color 249.3700, 1.8340, -0.1980 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 249.3700, 1.8340, -0.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

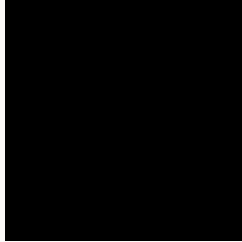
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 249.3700, 1.8340, -0.1980

Background



This preview shows how black text looks on a background with the YIQ color 249.3700, 1.8340, -0.1980.



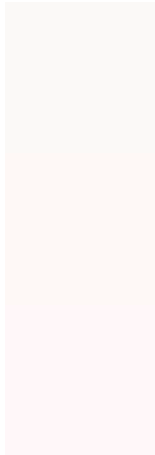
This preview shows how white text looks on a background with the YIQ color 249.3700, 1.8340, -0.1980.

-0.180.

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

249.3700, 1.8340, -0.1980

Protanopia

249.5660, 4.2180, 0.6500

Deuteranopia

249.6200, 4.1260, 2.3180

Tritanopia

249.6950, -0.4590, 2.8130

Trichromacy

Original Color

249.3700, 1.8340, -0.1980

Protanomaly

249.2670, 3.6220, 0.4380

Deuteranomaly

249.7940, 3.5760, 1.2720

Tritanomaly

249.3530, 0.5040, 1.8800

Monochromacy

Original Color

249.3700, 1.8340, -0.1980

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

249.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 249.3700, 1.8340, -0.1980 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, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 247)  
}
```

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, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 247) }
```

Border

The CSS property to change the border of an element to YIQ 249.3700, 1.8340, -0.1980 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, 249, 247) }
```

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

```
.border{ border-color:rgb(251, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
247) }
```


Background

The CSS property to change the background color of an element to YIQ 249.3700, 1.8340, -0.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 247) }
```

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

```
.background{ background-color: rgb(251,  
249, 247) }
```

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