

Converting Colors

YIQ(248.4360, 1.4680, -4.5800)

Have a look what the booklet for
YIQ(248.4360, 1.4680, -4.5800)
contains.

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Color

**YIQ(248.4360, 1.4680,
-4.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FBEB
RGB	247, 251, 239
RGB Percent	97%, 98%, 94%
CMY	0.0314, 0.0157, 0.0627
CMYK	0.02, 0.00, 0.05, 0.02
HSL	80°, 60%, 96%
HSV	80°, 5%, 98%
XYZ	88.4345, 95.0010, 95.3404
YIQ	248.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

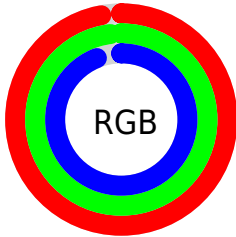
Format	Color
R _Y B	239, 251, 243
Decimal	16251887
CIE Lab	98.03, -3.40, 5.27
CIE LCh	98, 6.273, 122.823
Yxy	95.0010, 0.3172, 0.3408
Android (android.graphics.Color)	4294441967 (0xFFFF7FBEF)
YUV	248.4360, -4.6519, -1.2594
Hunter-Lab	97.4684, -8.6142, 10.2324

Details

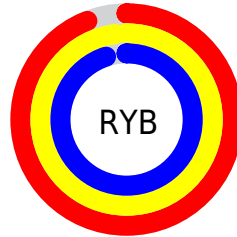
The YIQ color 248.4360, 1.4680, -4.5800 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 241.5640, -1.4680, 4.5800, and the grayscale version is 248.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.4360, 1.4680, -4.5800 is the 20% darker color. If you saturate the color by 10%, you get 243.1940, 4.7250, -14.0510, and if you desaturate by 10%, it is 252.6520, 1.1000, 2.0920.

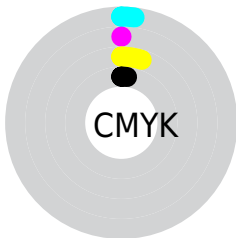
Distribution



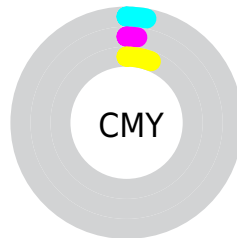
- Red (97%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.4360, 1.4680, -4.5800 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 248.4360, 1.4680, -4.5800 by changing the saturation by 10% instead.


 248.4360, 1.4680,
-4.5800

 248.4360, 1.4680,
-4.5800


255.0000, -0.0000,
-0.0000


 219.5500, 1.1470,
-4.2690

 192.4360, 1.4680,
-4.5800

 164.8490, 1.7430,
-4.0570

 138.5500, 1.1470,
-4.2690

 112.9630, 1.4220,
-3.7460

 88.6640, 0.8260,
-3.9580

 65.0770, 1.1010,

-3.4350

■ 43.0770, 1.1010,
-3.4350

■ 22.9630, 1.4220,
-3.7460

■ 248.4360, 1.4680,
-4.5800

■ 248.4360, 1.4680,
-4.5800

■ 243.1940, 4.7250,
-14.0510

■ 252.6520, 1.1000,
2.0920

■ 237.6530, 7.3860,
-23.7340

■ 232.4110, 10.6430,
-33.2050

■ 226.8700, 13.3040,
-42.8880

■ 221.6280, 16.5610,
-52.3590

■ 216.2720, 20.1390,
-62.1410

■ 210.7310, 22.8000,
-71.8240

■ 205.4890, 26.0570,
-81.2950

■ 200.2470, 29.3140,
-90.7660

Harmonies

Analogous

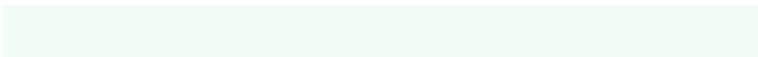
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.1270, 6.8320, -2.6720



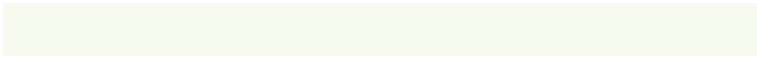
248.4360, 1.4680, -4.5800



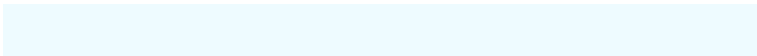
247.5000, -4.5840, -5.0320

Triad

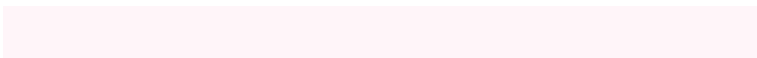
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.4360, 1.4680, -4.5800



247.5690, -9.0320, -1.5120



248.4460, 4.6760, 3.3640

Complementary

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



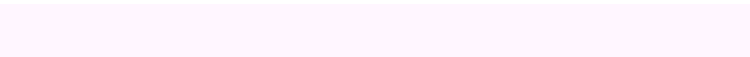
248.4360, 1.4680, -4.5800



241.5640, -1.4680, 4.5800

Split Complementary

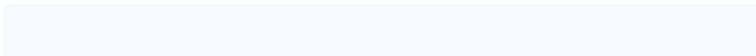
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.7170, 2.4750, 4.7070



248.4360, 1.4680, -4.5800



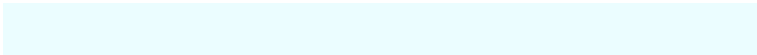
248.7760, -5.1810, 0.2830

Square

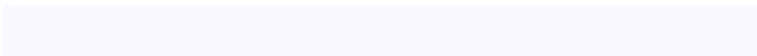
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



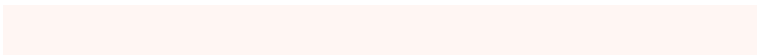
248.4360, 1.4680, -4.5800



247.8460, -11.3700, -3.1940



249.6950, -0.4590, 2.8130



248.3490, 6.3270, 0.9750

Rectangle

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



248.4360, 1.4680, -4.5800



247.6460, -7.9310, -4.9470



249.6950, -0.4590, 2.8130



248.6740, 4.0340, 3.9860

Sweetspot

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



248.4360, 1.4680, -4.5800



254.3590, 0.3670, -1.1450



244.9360, 6.0520, 0.4520



127.4730, 0.0460, -0.8340



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.



248.4360, 1.4680, -4.5800



251.7950, 1.8350, -5.7250



246.6420, -2.1080, -5.8520



123.0770, 1.1010, -3.4350



148.6170, 23.1210, -72.1350



48.0660, 7.6610, -23.2110

Inverse Universe

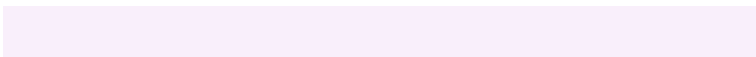
The Inverse Universe completely reimagines the original color for something new.



241.5640, -1.4680, 4.5800



243.2050, -1.8350, 5.7250



243.3580, 2.1080, 5.8520



117.9230, -1.1010, 3.4350



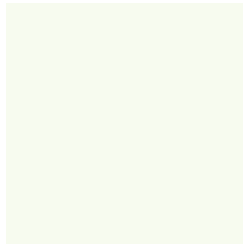
40.3830, -23.1210, 72.1350



12.9340, -7.6610, 23.2110

Previews

White Background



This preview shows how the YIQ color 248.4360, 1.4680, -4.5800 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 248.4360, 1.4680, -4.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

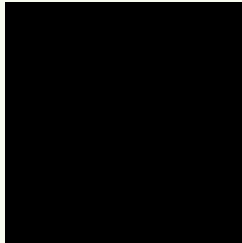
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

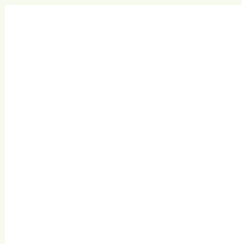
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.4360, 1.4680, -4.5800

Background



This preview shows how black text looks on a background with the YIQ color 248.4360, 1.4680, -4.5800.



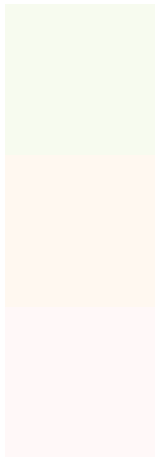
This preview shows how white text looks on a background with the YIQ color 248.4360, 1.4680, -4.5800.

-4.500.

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

248.4360, 1.4680, -4.5800

Protanopia

249.1810, 6.7400, -1.0040

Deuteranopia

250.0930, 4.1720, 1.4840

Tritanopia

249.9830, -1.3300, 2.0780

Trichromacy

A vertical color bar on the left side of the Trichromacy section, showing a gradient from light green at the top to light grey at the bottom.

Original Color

248.4360, 1.4680, -4.5800

Protanomaly

248.8710, 4.6770, -2.1630

Deuteranomaly

249.4410, 3.0720, -0.6080

Tritanomaly

249.5870, -0.2750, -0.5230

Monochromacy

A vertical color bar on the left side of the Monochromacy section, showing a gradient from light green at the top to light grey at the bottom.

Original Color

248.4360, 1.4680, -4.5800

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.4360, 1.4680, -4.5800 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(247, 251, 239)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 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(247, 251, 239) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YIQ 248.4360, 1.4680, -4.5800 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(247, 251, 239) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YIQ 248.4360, 1.4680, -4.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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