

Converting Colors

YIQ(247.0270, -4.6300, -4.1980)

Have a look what the booklet for
YIQ(247.0270, -4.6300, -4.1980)
contains.

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Color

**YIQ(247.0270, -4.6300,
-4.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FBF5
RGB	240, 251, 245
RGB Percent	94%, 98%, 96%
CMY	0.0588, 0.0156, 0.0392
CMYK	0.04, 0.00, 0.02, 0.02
HSL	147°, 58%, 96%
HSV	147°, 4%, 98%
XYZ	86.9121, 94.1135, 99.9684
YIQ	247.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

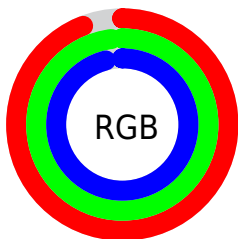
Format	Color
R_{YB}	240, 248, 251
Decimal	15793141
CIE Lab	97.68, -4.68, 1.61
CIE LCh	98, 4.952, 161.020
Yxy	94.1135, 0.3093, 0.3349
Android (android.graphics.Color)	4293983221 (0xFFFF0FBF5)
YUV	247.0270, -0.9993, -6.1627
Hunter-Lab	97.0121, -9.8550, 6.8118

Details

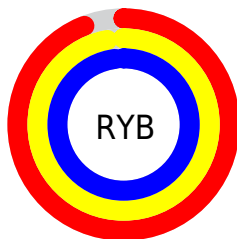
The YIQ color 247.0270, -4.6300, -4.1980 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 243.9730, 4.6300, 4.1980, and the grayscale version is 247.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 191.0270, -4.6300, -4.1980 is the 20% darker color. If you saturate the color by 10%, you get 237.9560, -15.0360, -13.8520, and if you desaturate by 10%, it is 252.6520, 1.1000, 2.0920.

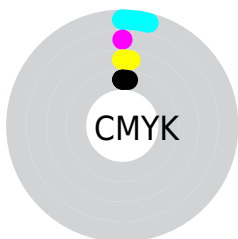
Distribution



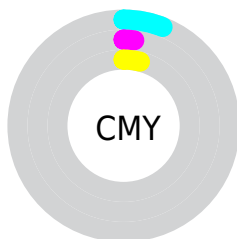
- Red (94%)
- Green (98%)
- Blue (96%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 247.0270, -4.6300, -4.1980 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 247.0270, -4.6300, -4.1980 by changing the saturation by 10% instead.

 247.0270, -4.6300,
-4.1980

 247.0270, -4.6300,
-4.1980

255.0000, -0.0000,
-0.0000


 218.4400, -4.3550,
-3.6750

 191.0270, -4.6300,
-4.1980

 163.4400, -4.3550,
-3.6750

 137.4400, -4.3550,
-3.6750

 111.7390, -3.7590,
-3.4630

 87.7390, -3.7590,
-3.4630

 64.1520, -3.4840,

-2.9400

■ 42.1520, -3.4840,
-2.9400

■ 21.7390, -3.7590,
-3.4630

■ 247.0270, -4.6300,
-4.1980

■ 247.0270, -4.6300,
-4.1980

■ 237.9560,
-15.0360, -13.8520

■ 252.6520, 1.1000,
2.0920

■ 228.9990,
-25.7630, -23.1950

■ 219.9280,
-36.1690, -32.8490

■ 210.8570,
-46.5750, -42.5030

■ 201.6010,
-57.8980, -52.0580

■ 192.5300,
-68.3040, -61.7120

■ 183.4590,
-78.7100, -71.3660

■ 174.3880,
-89.1160, -81.0200

■ 165.4310,
-99.8430, -90.3630

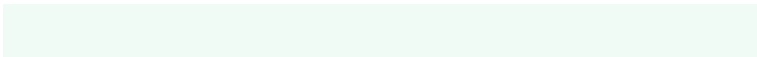
Harmonies

Analogous

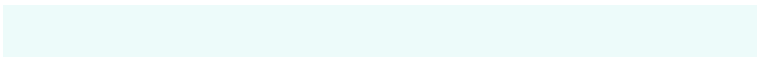
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.4790, -0.0910, -3.8590



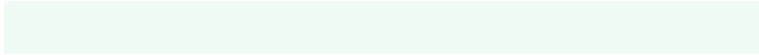
247.0270, -4.6300, -4.1980



246.7000, -8.0230, -3.2790

Triad

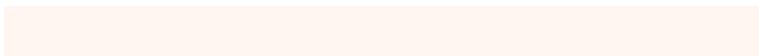
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.0270, -4.6300, -4.1980



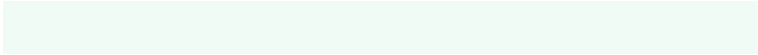
248.2000, -3.4390, 1.7530



248.2350, 6.6480, 0.6640

Complementary

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



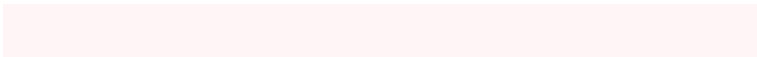
247.0270, -4.6300, -4.1980



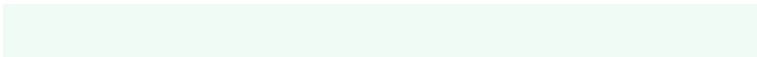
243.9730, 4.6300, 4.1980

Split Complementary

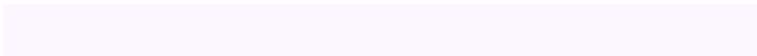
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.2180, 5.3180, 2.7420



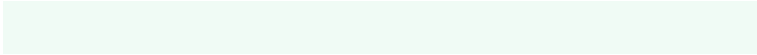
247.0270, -4.6300, -4.1980



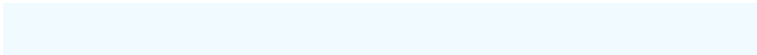
249.4070, 0.4120, 3.5480

Square

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



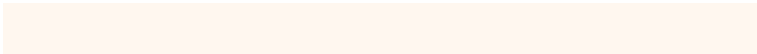
247.0270, -4.6300, -4.1980



247.5800, -7.5650, -0.5650



248.7880, 3.7130, 4.2970



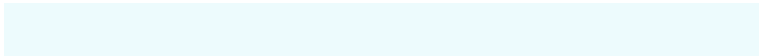
248.4800, 7.3360, -0.7920

Rectangle

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



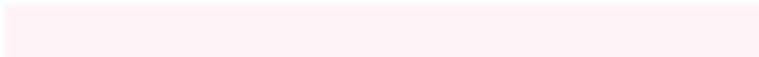
247.0270, -4.6300, -4.1980



247.0420, -8.9860, -2.3460



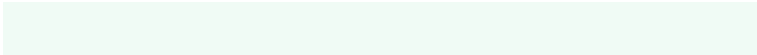
248.7880, 3.7130, 4.2970



247.8760, 6.2810, 1.8090

Sweetspot

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



247.0270, -4.6300, -4.1980



253.9890, -1.4670, -0.9470



248.2510, 0.5510, -4.4810



127.2880, -0.8710, -0.7350



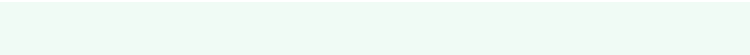
0.0000, 0.0000, 0.0000



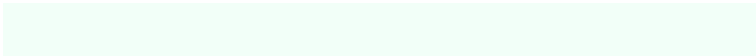
128.0000, -0.0000, -0.0000

Same Dimension

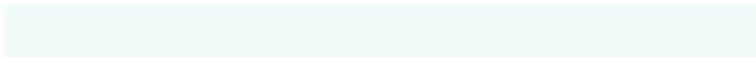
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.0270, -4.6300, -4.1980



250.3150, -5.5010, -4.9330



247.5970, -6.2350, -2.6430



122.1520, -3.4840, -2.9400



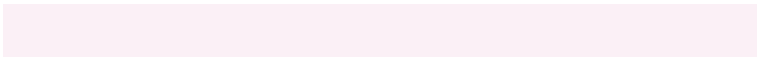
120.7470, -79.5810, -72.1010



38.9990, -25.7630, -23.1950

Inverse Universe

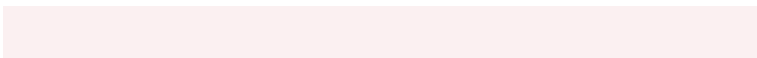
The Inverse Universe completely reimagines the original color for something new.



243.9730, 4.6300, 4.1980



246.6850, 5.5010, 4.9330



243.4030, 6.2350, 2.6430



119.9620, 3.1630, 3.2510



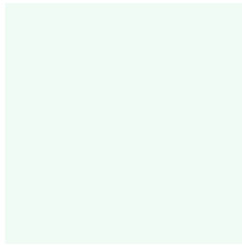
68.2530, 79.5810, 72.1010



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 247.0270, -4.6300, -4.1980 looks on a white background.

Color Contrast Check

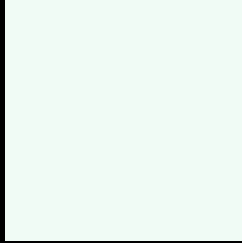
Large Text (above 18pt) WCAG AA × Fail

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 247.0270, -4.6300, -4.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

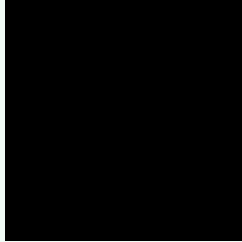
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

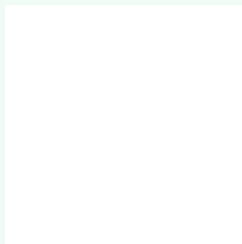
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.0270, -4.6300, -4.1980

Background



This preview shows how black text looks on a background with the YIQ color 247.0270, -4.6300, -4.1980.



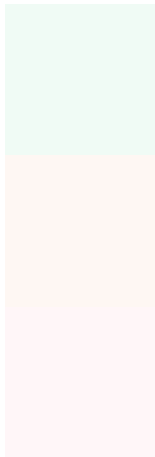
This preview shows how white text looks on a background with the YIQ color 247.0270, -4.6300, -4.1980.

-4.180.

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

247.0270, -4.6300, -4.1980

Protanopia

248.6370, 5.4560, 0.2400

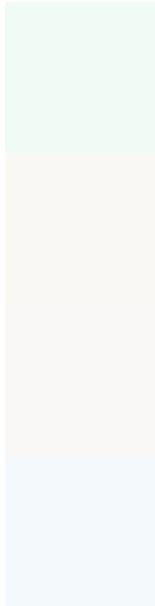
Deuteranopia

248.9190, 4.7220, 2.5300

Tritanopia

248.4990, -2.8430, 1.9650

Trichromacy



Original Color

247.0270, -4.6300, -4.1980

Protanomaly

247.8430, 1.8800, -1.0320

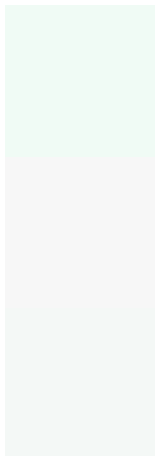
Deuteranomaly

248.4840, 1.5130, 0.1130

Tritanomaly

247.7330, -3.6220, -0.4380

Monochromacy



Original Color

247.0270, -4.6300, -4.1980

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.5760, -1.7420, -1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.0270, -4.6300, -4.1980 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(240, 251, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 251, 245)  
}
```

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(240, 251, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 251, 245) }
```

Border

The CSS property to change the border of an element to YIQ 247.0270, -4.6300, -4.1980 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(240, 251, 245) }
```


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

```
.border{ border-color:rgb(240, 251, 245) }
```

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

Here you see how a box with a 4 pixel rgb(240, 251, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 251, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 251, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 251,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 247.0270, -4.6300, -4.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 251, 245) }
```

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

```
.background{ background-color: rgb(240,  
251, 245) }
```

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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