

Converting Colors

YIQ(248.2740, 1.7440, -9.5840)

Have a look what the booklet for
YIQ(248.2740, 1.7440, -9.5840)
contains.

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Color

**YIQ(248.2740, 1.7440,
-9.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FEE6
RGB	244, 254, 230
RGB Percent	96%, 100%, 90%
CMY	0.0432, 0.0039, 0.0980
CMYK	0.04, 0.00, 0.09, 0.00
HSL	85°, 92%, 95%
HSV	85°, 9%, 100%
XYZ	87.0318, 95.8311, 88.7779
YIQ	248.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

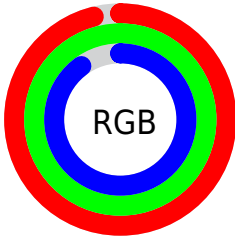
Format	Color
R _Y B	230, 254, 240
Decimal	16056038
CIE Lab	98.37, -7.42, 10.34
CIE LCh	98, 12.726, 125.679
Yxy	95.8311, 0.3204, 0.3528
Android (android.graphics.Color)	4294246118 (0xFFFF4FEE6)
YUV	248.2740, -9.0091, -3.7483
Hunter-Lab	97.8934, -12.6186, 14.7562

Details

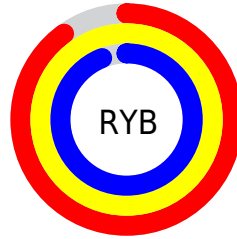
The YIQ color $248.2740, 1.7440, -9.5840$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.7260, -1.7440, 9.5840$, and the grayscale version is $248.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.6870, 2.0190, -9.0610$ is the 20% darker color. If you saturate the color by 10%, you get $242.1350, 3.2130, -19.6910$, and if you desaturate by 10%, it is $254.4130, 0.2750, 0.5230$.

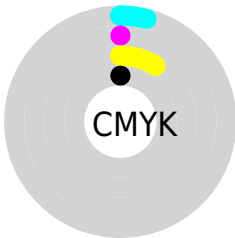
Distribution



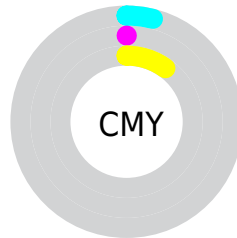
- Red (96%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.2740, 1.7440, -9.5840 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 248.2740, 1.7440, -9.5840 by changing the saturation by 10% instead.


 248.2740, 1.7440,
-9.5840


 248.2740, 1.7440,
-9.5840


255.0000, -0.0000,
-0.0000

 219.6870, 2.0190,
-9.0610

 191.6870, 2.0190,
-9.0610

 164.8010, 1.6980,
-8.7500

 138.5020, 1.1020,
-8.9620

 112.9150, 1.3770,
-8.4390

 88.3280, 1.6520,
-7.9160

 65.1430, 0.7350,

-7.8170

■ 42.6700, 0.6890,
-6.9830

■ 22.3990, 2.8900,
-8.3260

■ 248.2740, 1.7440,
-9.5840

■ 248.2740, 1.7440,
-9.5840

■ 242.1350, 3.2130,
-19.6910

254.4130, 0.2750,
0.5230

■ 236.1810, 5.5990,
-29.8970

■ 230.0420, 7.0680,
-40.0040

■ 224.0880, 9.4540,
-50.2100

■ 217.9490, 10.9230,
-60.3170

■ 211.8100, 12.3920,
-70.4240

■ 205.8560, 14.7780,
-80.6300

■ 199.7170, 16.2470,
-90.7370

■ 193.7630, 18.6330,
-100.9430

Harmonies

Analogous

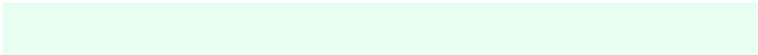
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.7590, 10.6840, -6.4040



248.2740, 1.7440, -9.5840



246.1140, -9.4890, -9.7530

Triad

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



248.2740, 1.7440, -9.5840



246.0410, -16.4130, -5.4130



246.5710, 5.8220, 4.6220

Complementary

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



248.2740, 1.7440, -9.5840



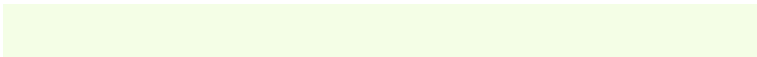
235.7260, -1.7440, 9.5840

Split Complementary

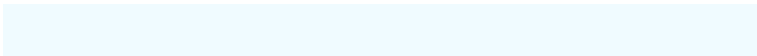
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9560, 3.3000, 6.2760



248.2740, 1.7440, -9.5840



248.1670, -7.8400, -1.0880

Square

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



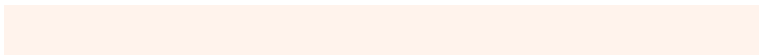
248.2740, 1.7440, -9.5840



244.5350, -20.8600, -7.4200



249.7170, 2.4750, 4.7070



245.7900, 9.3990, 0.3670

Rectangle

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



248.2740, 1.7440, -9.5840



244.9330, -16.2290, -8.7490



249.7170, 2.4750, 4.7070



247.1410, 4.2170, 6.1770

Sweetspot

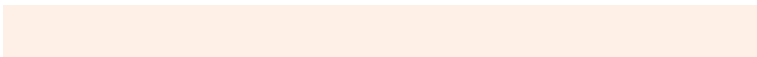
The Sweet Spot groups the original color and five complimentary colors.



248.2740, 1.7440, -9.5840



253.1910, 0.7800, -3.1240



243.0460, 11.5540, -0.1420



126.4190, 0.1380, -2.5020



0.0000, 0.0000, 0.0000



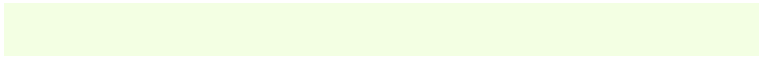
128.0000, -0.0000, -0.0000

Same Dimension

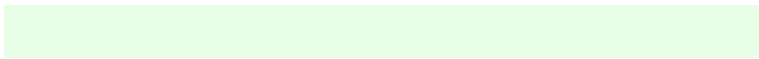
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.2740, 1.7440, -9.5840



248.2200, 1.8360, -11.2520



244.6860, -5.4080, -12.1280



124.7240, 0.5970, -5.3150



145.3060, 13.6310, -76.3610



48.6310, 4.4520, -25.6280

Inverse Universe

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



235.7260, -1.7440, 9.5840



233.7800, -1.8360, 11.2520



239.3140, 5.4080, 12.1280



117.9770, -1.1930, 5.1030



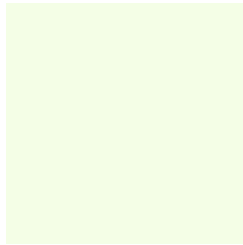
45.6940, -13.6310, 76.3610



15.3690, -4.4520, 25.6280

Previews

White Background



This preview shows how the YIQ color 248.2740, 1.7440, -9.5840 looks on a white background.

Color Contrast Check

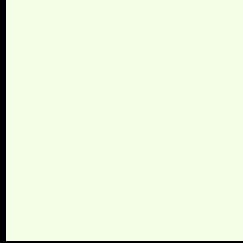
Large Text (above 18pt) WCAG AA × Fail

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 248.2740, 1.7440, -9.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

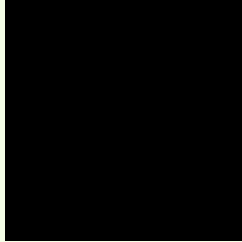
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

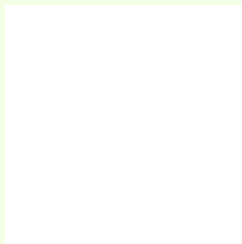
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.2740, 1.7440, -9.5840

Background



This preview shows how black text looks on a background with the YIQ color 248.2740, 1.7440, -9.5840.



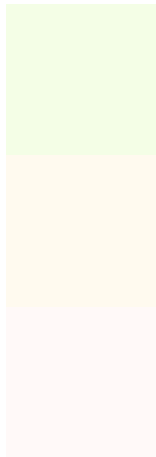
This preview shows how white text looks on a background with the YIQ color 248.2740, 1.7440, -9.5840.

-9.5840.

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

248.2740, 1.7440, -9.5840

Protanopia

250.2410, 6.5110, -2.3610

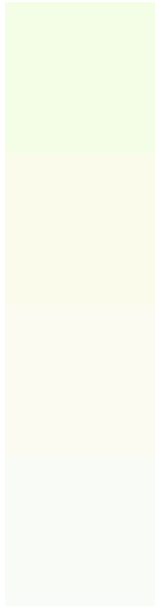
Deuteranopia

250.6800, 3.8970, 0.9610

Tritanopia

250.5700, -1.6050, 1.5550

Trichromacy



Original Color

248.2740, 1.7440, -9.5840

Protanomaly

249.2900, 4.8150, -4.6650

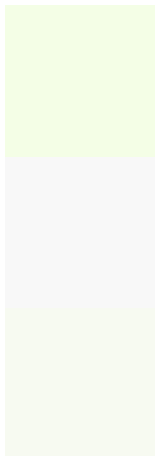
Deuteranomaly

249.8600, 3.2100, -3.1100

Tritanomaly

249.5330, -0.1830, -2.1910

Monochromacy



Original Color

248.2740, 1.7440, -9.5840

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.0770, 1.1010, -3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.2740, 1.7440, -9.5840 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(244, 254, 230)` looks like.

```
.text, #text, p{  
    color:rgb(244, 254, 230)  
}
```

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(244, 254, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 254, 230) }
```

Border

The CSS property to change the border of an element to YIQ 248.2740, 1.7440, -9.5840 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(244, 254, 230) }
```


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

```
.border{ border-color:rgb(244, 254, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 254, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 254, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 254, 230);  
box-shadow:4px 4px 4px 4px rgb(244, 254,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 248.2740, 1.7440, -9.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 254, 230) }
```

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

```
.background{ background-color: rgb(244,  
254, 230) }
```

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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