

Converting Colors

YIQ(245.8490, 1.7430, -4.0570)

Have a look what the booklet for
YIQ(245.8490, 1.7430, -4.0570)
contains.

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Color

**YIQ(245.8490, 1.7430,
-4.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F8ED
RGB	245, 248, 237
RGB Percent	96%, 97%, 93%
CMY	0.0392, 0.0274, 0.0706
CMYK	0.01, 0.00, 0.04, 0.03
HSL	76°, 44%, 95%
HSV	76°, 4%, 97%
XYZ	86.5094, 92.6621, 93.4498
YIQ	245.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

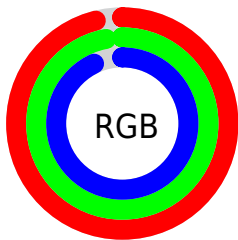
Format	Color
R _Y B	237, 248, 240
Decimal	16120045
CIE Lab	97.09, -2.90, 4.92
CIE LCh	97, 5.710, 120.536
Yxy	92.6621, 0.3173, 0.3399
Android (android.graphics.Color)	4294310125 (0xFFFF5F8ED)
YUV	245.8490, -4.3626, -0.7446
Hunter-Lab	96.2611, -8.0400, 9.8244

Details

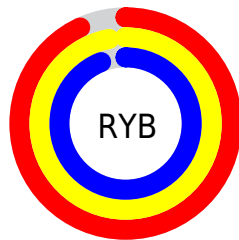
The YIQ color $245.8490, 1.7430, -4.0570$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.1510, -1.7430, 4.0570$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.8490, 1.7430, -4.0570$ is the 20% darker color. If you saturate the color by 10%, you get $240.9060, 5.5960, -13.3160$, and if you desaturate by 10%, it is $249.9940, 0.1370, 3.0250$.

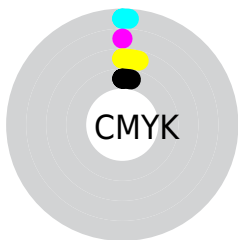
Distribution



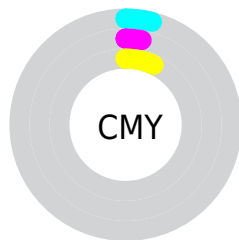
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.8490, 1.7430, -4.0570 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 245.8490, 1.7430, -4.0570 by changing the saturation by 10% instead.

245.8490, 1.7430,
-4.0570

245.8490, 1.7430,
-4.0570

255.0000, -0.0000,
-0.0000

217.2620, 2.0180,
-3.5340

189.8490, 1.7430,
-4.0570

162.8490, 1.7430,
-4.0570

136.2620, 2.0180,
-3.5340

110.9630, 1.4220,
-3.7460

86.3760, 1.6970,
-3.2230

63.3760, 1.6970,

-3.2230

■ 41.4900, 1.3760,
-2.9120

■ 21.2620, 2.0180,
-3.5340

■ 245.8490, 1.7430,
-4.0570

■ 245.8490, 1.7430,
-4.0570

■ 240.9060, 5.5960,
-13.3160

■ 249.9940, 0.1370,
3.0250

■ 235.9630, 9.4490,
-22.5750

■ 250.8910, 1.9250,
3.6610

■ 231.4330, 13.5770,
-31.3110

■ 226.4900, 17.4300,
-40.5700

■ 221.5470, 21.2830,
-49.8290

■ 216.6040, 25.1360,
-59.0880

■ 211.9600, 29.5850,
-68.1350

■ 207.1310, 33.1170,
-77.0830

■ 202.1880, 36.9700,
-86.3420

Harmonies

Analogous

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



246.3550, 6.1900, -2.0500



245.8490, 1.7430, -4.0570



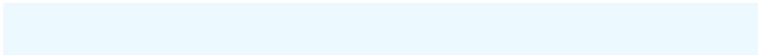
245.0980, -3.3920, -4.6080

Triad

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



245.8490, 1.7430, -4.0570



245.7970, -9.6740, -0.8900



247.0440, 5.8680, 3.7880

Complementary

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



245.8490, 1.7430, -4.0570



239.1510, -1.7430, 4.0570

Split Complementary

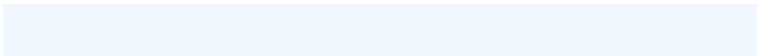
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9020, 3.3920, 4.6080



245.8490, 1.7430, -4.0570



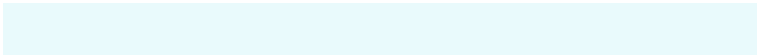
246.1180, -6.1440, 1.2160

Square

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



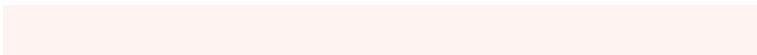
245.8490, 1.7430, -4.0570



245.1450, -10.7740, -2.9820



247.0370, -1.4220, 3.7460



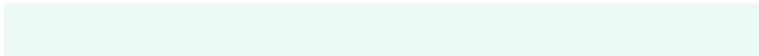
246.3600, 7.7940, 1.9220

Rectangle

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



245.8490, 1.7430, -4.0570



245.2440, -6.7390, -4.5230



247.0370, -1.4220, 3.7460



247.2720, 5.2260, 4.4100

Sweetspot

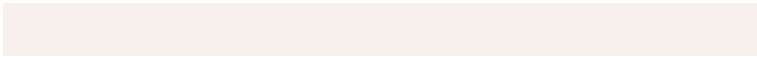
The Sweet Spot groups the original color and five complimentary colors.



245.8490, 1.7430, -4.0570



254.3590, 0.3670, -1.1450



242.0500, 5.7310, 0.7630



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.



245.8490, 1.7430, -4.0570



252.6210, 2.3850, -4.6790



244.3540, -1.2370, -5.1170



123.4900, 1.3760, -2.9120



151.9060, 29.6770, -69.8030



48.9630, 9.4490, -22.5750

Inverse Universe

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



239.1510, -1.7430, 4.0570



244.6780, -1.7890, 4.8910



240.6460, 1.2370, 5.1170



118.8090, -0.7800, 3.1240



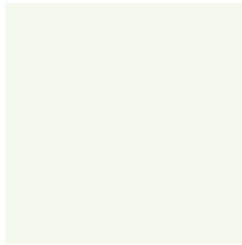
37.0940, -29.6770, 69.8030



12.0370, -9.4490, 22.5750

Previews

White Background



This preview shows how the YIQ color 245.8490, 1.7430, -4.0570 looks on a white background.

Color Contrast Check

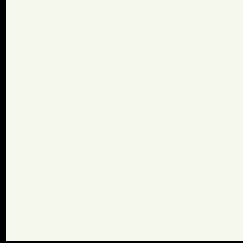
Large Text (above 18pt) WCAG AA × Fail

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 245.8490, 1.7430, -4.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

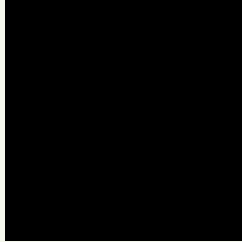
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

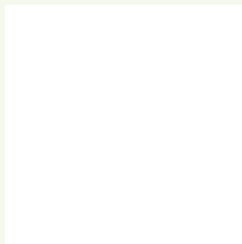
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.8490, 1.7430, -4.0570

Background



This preview shows how black text looks on a background with the YIQ color 245.8490, 1.7430, -4.0570.



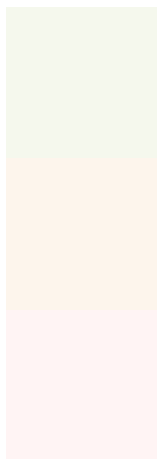
This preview shows how white text looks on a background with the YIQ color 245.8490, 1.7430,

-4.070.

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

245.8490, 1.7430, -4.0570

Protanopia

246.3660, 7.6570, -1.1030

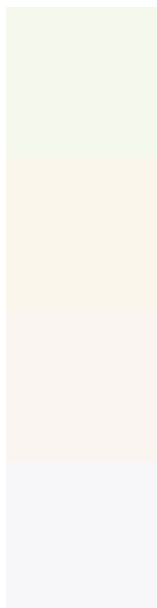
Deuteranopia

247.2890, 6.5560, 2.3320

Tritanopia

247.0370, -1.4220, 3.7460

Trichromacy



Original Color

245.8490, 1.7430, -4.0570

Protanomaly

246.0560, 5.5940, -2.2620

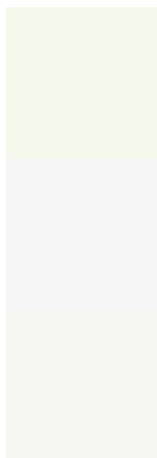
Deuteranomaly

246.3380, 4.8600, 0.0280

Tritanomaly

246.5270, -0.0460, 0.8340

Monochromacy



Original Color

245.8490, 1.7430, -4.0570

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

246.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.8490, 1.7430, -4.0570 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(245, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 237)  
}
```

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(245, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 237) }
```

Border

The CSS property to change the border of an element to YIQ 245.8490, 1.7430, -4.0570 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(245, 248, 237) }
```


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

```
.border{ border-color:rgb(245, 248, 237) }
```

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

Here you see how a box with a 4 pixel rgb(245, 248, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 245.8490, 1.7430, -4.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 237) }
```

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

```
.background{ background-color: rgb(245,  
248, 237) }
```

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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