

Converting Colors

YIQ(245.9840, -3.0710, -4.9190)

Have a look what the booklet for
YIQ(245.9840, -3.0710, -4.9190)
contains.

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Color

**YIQ(245.9840, -3.0710,
-4.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FAF1
RGB	240, 250, 241
RGB Percent	94%, 98%, 95%
CMY	0.0588, 0.0196, 0.0549
CMYK	0.04, 0.00, 0.04, 0.02
HSL	126°, 50%, 96%
HSV	126°, 4%, 98%
XYZ	85.9965, 93.2486, 96.6843
YIQ	245.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

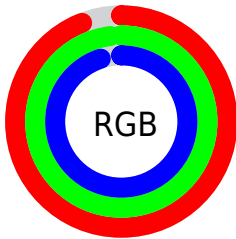
Format	Color
R _Y B	240, 249, 250
Decimal	15792881
CIE Lab	97.33, -4.89, 3.16
CIE LCh	97, 5.820, 147.108
Yxy	93.2486, 0.3117, 0.3379
Android (android.graphics.Color)	4293982961 (0xFFFF0FAF1)
YUV	245.9840, -2.4571, -5.2480
Hunter-Lab	96.5653, -10.0255, 8.2326

Details

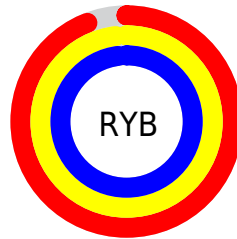
The YIQ color $245.9840, -3.0710, -4.9190$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.0160, 3.0710, 4.9190$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.9840, -3.0710, -4.9190$ is the 20% darker color. If you saturate the color by 10%, you get $236.0010, -10.9090, -17.0610$, and if you desaturate by 10%, it is $252.0650, 1.3750, 2.6150$.

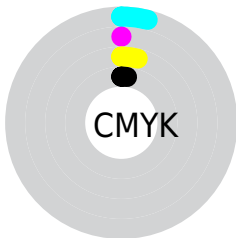
Distribution



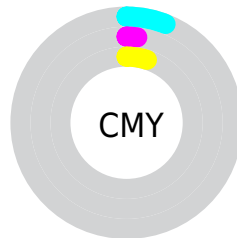
- Red (94%)
- Green (98%)
- Blue (95%)



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



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




- Cyan (6%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.9840, -3.0710, -4.9190 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 245.9840, -3.0710, -4.9190 by changing the saturation by 10% instead.

 245.9840, -3.0710,
-4.9190

 245.9840, -3.0710,
-4.9190

255.0000, -0.0000,
-0.0000


 217.3970, -2.7960,
-4.3960

 189.9840, -3.0710,
-4.9190

 162.3970, -2.7960,
-4.3960

 136.3970, -2.7960,
-4.3960

 111.3970, -2.7960,
-4.3960

 86.8100, -2.5210,
-3.8730

 63.8100, -2.5210,

-3.8730

■ 41.2230, -2.2460,
-3.3500

■ 20.8100, -2.5210,
-3.8730

■ 245.9840, -3.0710,
-4.9190

■ 245.9840, -3.0710,
-4.9190

■ 236.0010,
-10.9090, -17.0610

■ 252.0650, 1.3750,
2.6150

■ 225.9040,
-18.4260, -29.5140

■ 215.9210,
-26.2640, -41.6560

■ 205.8240,
-33.7810, -54.1090

■ 195.8410,
-41.6190, -66.2510

■ 185.7440,
-49.1360, -78.7040

■ 175.7610,
-56.9740, -90.8460

■ 165.6640,
-64.4910, -103.2990

■ 155.6810,
-72.3290, -115.4410

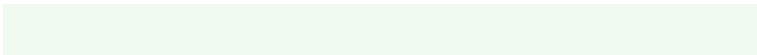
Harmonies

Analogous

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



246.7350, 2.0640, -4.3680



245.9840, -3.0710, -4.9190



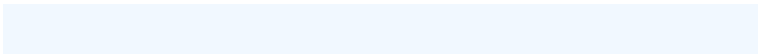
245.6460, -7.9310, -4.9470

Triad

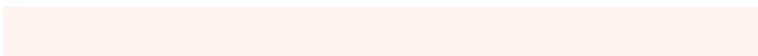
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.9840, -3.0710, -4.9190



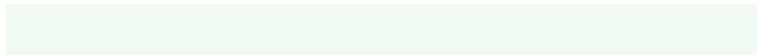
246.7050, -6.4190, 0.6930



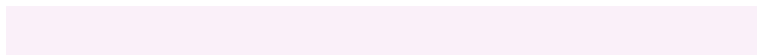
247.0610, 7.1980, 1.7100

Complementary

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



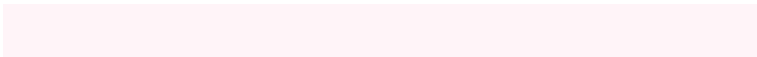
245.9840, -3.0710, -4.9190



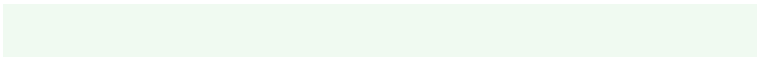
244.0160, 3.0710, 4.9190

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.



247.7450, 5.2720, 3.5760



245.9840, -3.0710, -4.9190



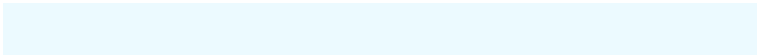
247.6240, -1.6970, 3.2230

Square

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



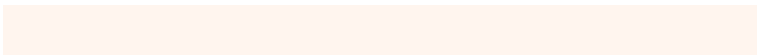
245.9840, -3.0710, -4.9190



246.3840, -9.9490, -1.4130



248.1300, 2.7500, 5.2300



247.1920, 8.2070, -0.0570

Rectangle

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



245.9840, -3.0710, -4.9190



245.8030, -9.8110, -3.9150



248.1300, 2.7500, 5.2300



247.2890, 6.5560, 2.3320

Sweetspot

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



245.9840, -3.0710, -4.9190



253.8750, -1.1460, -1.2580



248.5610, 2.6140, -3.3220



127.1740, -0.5500, -1.0460



0.0000, 0.0000, 0.0000



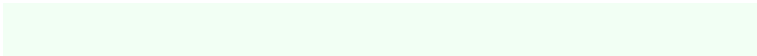
128.0000, -0.0000, -0.0000

Same Dimension

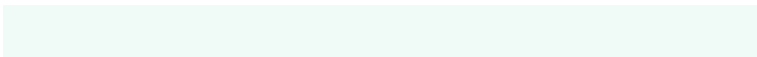
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.9840, -3.0710, -4.9190



249.8590, -4.2170, -6.1770



246.5540, -4.6760, -3.3640



121.8100, -2.5210, -3.8730



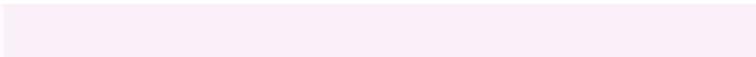
113.1090, -58.0740, -92.9380



36.4910, -18.7010, -30.0370

Inverse Universe

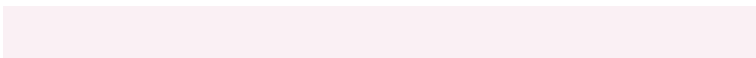
The Inverse Universe completely reimagines the original color for something new.



244.0160, 3.0710, 4.9190



247.2550, 3.8960, 6.4880



243.4460, 4.6760, 3.3640



120.1900, 2.5210, 3.8730



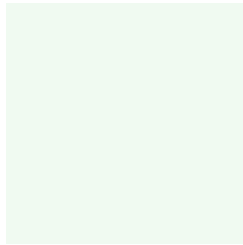
75.8910, 58.0740, 92.9380



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 245.9840, -3.0710, -4.9190 looks on a white background.

Color Contrast Check

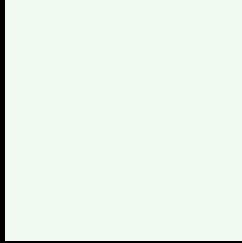
Large Text (above 18pt) WCAG AA × Fail

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 245.9840, -3.0710, -4.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

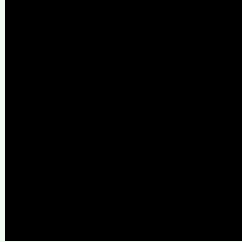
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

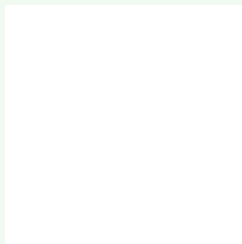
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.9840, -3.0710, -4.9190

Background



This preview shows how black text looks on a background with the YIQ color 245.9840, -3.0710, -4.9190.



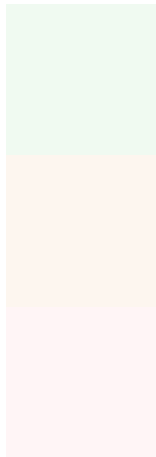
This preview shows how white text looks on a background with the YIQ color 245.9840, -3.0710,

-4.9 90.

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

245.9840, -3.0710, -4.9190

Protanopia

247.2950, 6.4190, -0.6930

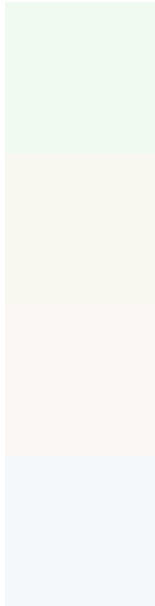
Deuteranopia

248.1040, 5.6390, 2.4310

Tritanopia

247.6130, -3.1640, 2.2760

Trichromacy



Original Color

245.9840, -3.0710, -4.9190

Protanomaly

246.5010, 2.8430, -1.9650

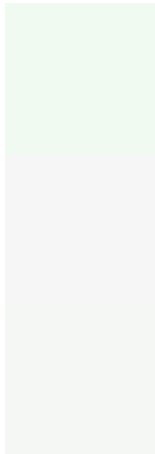
Deuteranomaly

247.5550, 2.7510, -0.2970

Tritanomaly

247.0320, -3.0260, -0.2260

Monochromacy



Original Color

245.9840, -3.0710, -4.9190

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.7610, -0.8250, -1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.9840, -3.0710, -4.9190 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, 250, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 241)  
}
```

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, 250, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 241) }
```

Border

The CSS property to change the border of an element to YIQ 245.9840, -3.0710, -4.9190 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, 250, 241) }
```


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

```
.border{ border-color:rgb(240, 250, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 245.9840, -3.0710, -4.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 241) }
```

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

```
.background{ background-color: rgb(240,  
250, 241) }
```

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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