

Converting Colors

YIQ(244.8740, 0.5950, 5.7390)

Have a look what the booklet for
YIQ(244.8740, 0.5950, 5.7390)
contains.

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Color

**YIQ(244.8740, 0.5950,
5.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F1FE
RGB	249, 241, 254
RGB Percent	98%, 95%, 100%
CMY	0.0235, 0.0549, 0.0039
CMYK	0.02, 0.05, 0.00, 0.00
HSL	277°, 87%, 97%
HSV	277°, 5%, 100%
XYZ	88.4128, 90.2053, 106.5158
YIQ	244.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

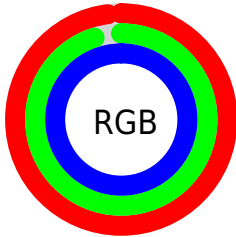
Format	Color
R _Y B	249, 241, 254
Decimal	16380414
CIE Lab	96.08, 4.97, -5.30
CIE LCh	96, 7.265, 313.206
Yxy	90.2053, 0.3101, 0.3164
Android (android.graphics.Color)	4294570494 (0xFFFF9F1FE)
YUV	244.8740, 4.4991, 3.6185
Hunter-Lab	94.9765, -0.0446, -0.0100

Details

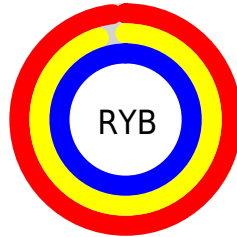
The YIQ color $244.8740, 0.5950, 5.7390$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $250.1260, -0.5950, -5.7390$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.7600, 0.9160, 5.4280$ is the 20% darker color. If you saturate the color by 10%, you get $227.2090, 1.5100, 16.6940$, and if you desaturate by 10%, it is $254.8860, 0.3210, -0.3110$.

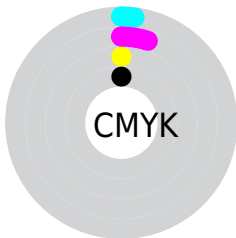
Distribution



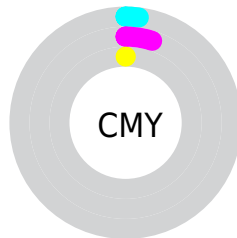
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 244.8740, 0.5950, 5.7390 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 244.8740, 0.5950, 5.7390 by changing the saturation by 10% instead.


 244.8740, 0.5950,
5.7390


 244.8740, 0.5950,
5.7390


255.0000, -0.0000,
-0.0000


 216.4610, 0.3200,
5.2160

 188.7600, 0.9160,
5.4280

 161.4610, 0.3200,
5.2160

 135.4610, 0.3200,
5.2160

 110.3470, 0.6410,
4.9050

 85.9340, 0.3660,
4.3820

 62.9340, 0.3660,

4.3820

■ 40.8200, 0.6870,
4.0710

■ 19.9340, 0.3660,
4.3820

■ 244.8740, 0.5950,
5.7390

■ 244.8740, 0.5950,
5.7390

■ 227.2090, 1.5100,
16.6940

254.8860, 0.3210,
-0.3110

■ 209.2560, 3.2960,
28.3840

■ 191.5910, 4.2110,
39.3390

■ 173.3390, 5.4010,
50.8170

■ 155.6740, 6.3160,
61.7720

■ 138.0090, 7.2310,
72.7270

■ 120.0560, 9.0170,
84.4170

■ 102.3910, 9.9320,
95.3720

■ 84.1390, 11.1220,
106.8500

Harmonies

Analogous

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



243.4710, -5.6400, 3.0960



244.8740, 0.5950, 5.7390



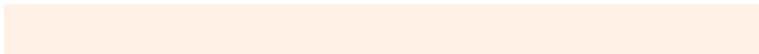
244.8100, 6.6470, 6.1910

Triad

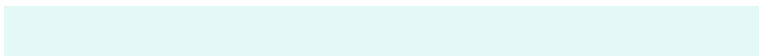
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.8740, 0.5950, 5.7390



244.2200, 11.0040, -1.1880



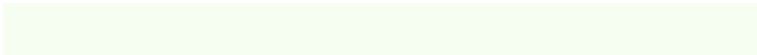
241.6070, -12.1950, -4.7630

Complementary

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



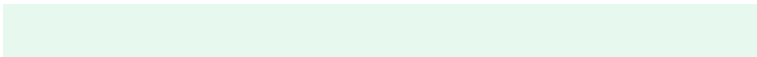
244.8740, 0.5950, 5.7390



250.1260, -0.5950, -5.7390

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.



241.8910, -7.2430, -6.4030



244.8740, 0.5950, 5.7390



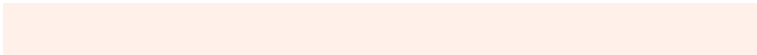
243.0020, 5.6860, -3.9300

Square

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



244.8740, 0.5950, 5.7390



243.8010, 10.8660, 1.3140



242.1260, -0.5950, -5.7390



242.0030, -13.2500, -2.1620

Rectangle

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



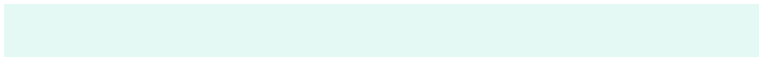
244.8740, 0.5950, 5.7390



244.2400, 8.2520, 4.6360



242.1260, -0.5950, -5.7390



241.5640, -10.6360, -5.4840

Sweetspot

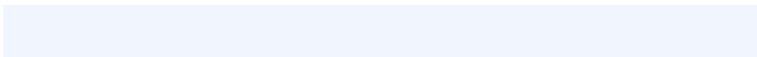
The Sweet Spot groups the original color and five complimentary colors.



244.8740, 0.5950, 5.7390



251.4670, 0.1830, 2.1910



245.4170, -5.5480, 1.4280



125.9400, 0.2290, 1.3570



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.



244.8740, 0.5950, 5.7390



244.4010, 0.5490, 6.5730



246.2550, 3.8960, 6.4880



121.5210, 0.0910, 3.8590



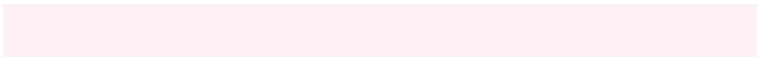
57.0560, 9.0170, 84.4170



18.9570, 2.7000, 28.1720

Inverse Universe

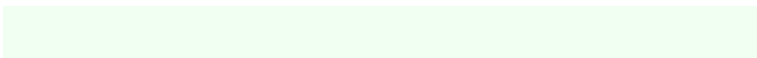
The Inverse Universe completely reimagines the original color for something new.



245.4570, 6.1430, 4.3110



245.1690, 7.0140, 5.0460



248.7450, -3.8960, -6.4880



122.0330, 4.4010, 2.8410



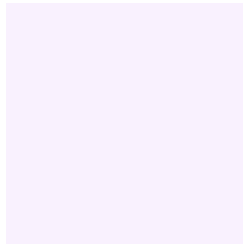
65.4310, 90.4030, 63.1950



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 244.8740, 0.5950, 5.7390 looks on a white background.

Color Contrast Check

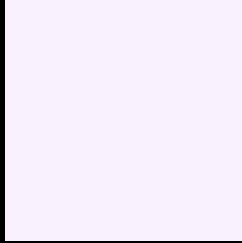
Large Text (above 18pt) WCAG AA × Fail

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 244.8740, 0.5950, 5.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

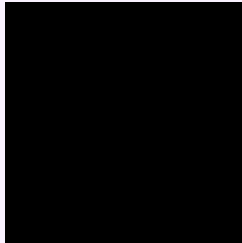
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

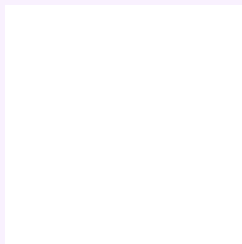
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.8740, 0.5950, 5.7390

Background



This preview shows how black text looks on a background with the YIQ color 244.8740, 0.5950, 5.7390.



This preview shows how white text looks on a background with the YIQ color 244.8740, 0.5950,

5.7390.

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

244.8740, 0.5950, 5.7390

Protanopia

244.3790, -2.3850, 4.6790

Deuteranopia

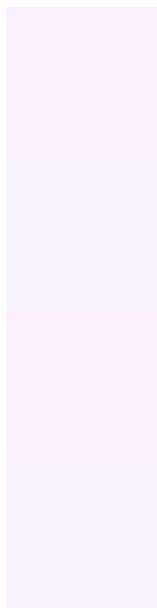
245.1520, 5.6840, 7.1240



Tritanopia

244.6890, -0.3220, 5.8380

Trichromacy



Original Color

244.8740, 0.5950, 5.7390

Protanomaly

244.6780, -1.7890, 4.8910

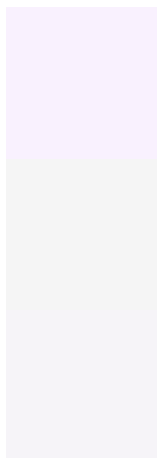
Deuteranomaly

245.2550, 3.8960, 6.4880

Tritanomaly

244.6890, -0.3220, 5.8380

Monochromacy



Original Color

244.8740, 0.5950, 5.7390

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.8740, 0.5950, 5.7390 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(249, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 254)  
}
```

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(249, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 254) }
```

Border

The CSS property to change the border of an element to YIQ 244.8740, 0.5950, 5.7390 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(249, 241, 254) }
```


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

```
.border{ border-color:rgb(249, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(249, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 244.8740, 0.5950, 5.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 254) }
```

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

```
.background{ background-color: rgb(249,  
241, 254) }
```

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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