

Converting Colors

YIQ(244.2760, -0.5970, 5.3150)

Have a look what the booklet for
YIQ(244.2760, -0.5970, 5.3150)
contains.

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Color

**YIQ(244.2760, -0.5970,
5.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F1FE
RGB	247, 241, 254
RGB Percent	97%, 95%, 100%
CMY	0.0313, 0.0549, 0.0039
CMYK	0.03, 0.05, 0.00, 0.00
HSL	268°, 87%, 97%
HSV	268°, 5%, 100%
XYZ	87.7032, 89.8399, 106.4816
YIQ	244.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

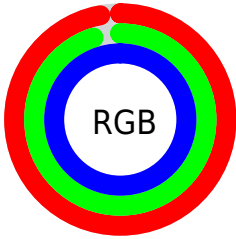
Format	Color
R _Y B	247, 241, 254
Decimal	16249342
CIE Lab	95.93, 4.32, -5.54
CIE LCh	96, 7.020, 307.954
Yxy	89.8399, 0.3088, 0.3163
Android (android.graphics.Color)	4294439422 (0xFF7F1FE)
YUV	244.2760, 4.7939, 2.3889
Hunter-Lab	94.7839, -0.7064, -0.2585

Details

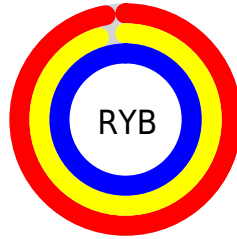
The YIQ color $244.2760, -0.5970, 5.3150$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $250.7240, 0.5970, -5.3150$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.1620, -0.2760, 5.0040$ is the 20% darker color. If you saturate the color by 10%, you get $225.4150, -2.0660, 15.4220$, and if you desaturate by 10%, it is $254.8860, 0.3210, -0.3110$.

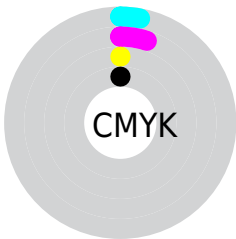
Distribution



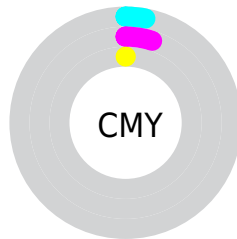
- Red (97%)
- Green (95%)
- Blue (100%)



- Red (97%)
- Yellow (95%)
- Blue (100%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 244.2760, -0.5970, 5.3150 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 244.2760, -0.5970, 5.3150 by changing the saturation by 10% instead.


 244.2760, -0.5970,
5.3150

 244.2760, -0.5970,
5.3150

255.0000, -0.0000,
-0.0000


 216.1620, -0.2760,
5.0040

 188.1620, -0.2760,
5.0040

 161.1620, -0.2760,
5.0040

 134.8630, -0.8720,
4.7920

 109.7490, -0.5510,
4.4810

 85.3360, -0.8260,
3.9580

 62.3360, -0.8260,

3.9580

■ 40.2220, -0.5050,
3.6470

■ 19.6350, -0.2300,
4.1700

■ 244.2760, -0.5970,
5.3150

■ 244.2760, -0.5970,
5.3150

■ 225.4150, -2.0660,
15.4220

254.8860, 0.3210,
-0.3110

■ 206.2660, -2.6640,
26.2640

■ 187.4050, -4.1330,
36.3710

■ 167.9570, -5.3270,
47.0010

■ 149.3950, -6.2000,
57.3200

■ 130.5340, -7.6690,
67.4270

■ 111.0860, -8.8630,
78.0570

■ 92.5240, -9.7360,
88.3760

■ 73.0760, -10.9300,
99.0060

Harmonies

Analogous

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



243.1720, -6.2360, 2.8840



244.2760, -0.5970, 5.3150



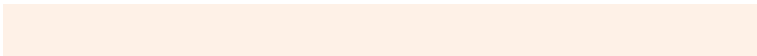
244.6250, 5.7300, 6.2900

Triad

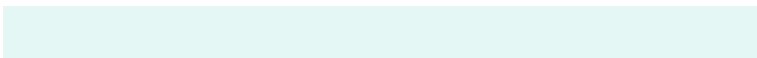
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.2760, -0.5970, 5.3150



243.7470, 10.9580, -0.3540



241.0910, -10.6820, -4.6500

Complementary

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



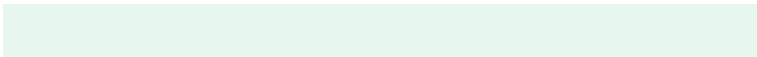
244.2760, -0.5970, 5.3150



250.7240, 0.5970, -5.3150

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.



241.4890, -6.0510, -5.9790



244.2760, -0.5970, 5.3150



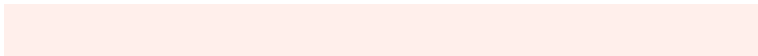
242.7140, 6.5570, -3.1950

Square

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



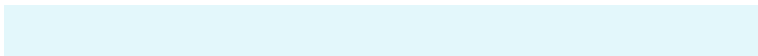
244.2760, -0.5970, 5.3150



243.3280, 10.8200, 2.1480



241.7240, 0.5970, -5.3150



241.4760, -13.2040, -2.9960

Rectangle

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



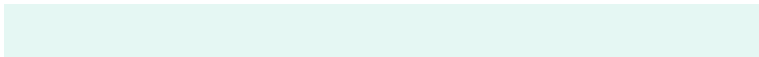
244.2760, -0.5970, 5.3150



244.3540, 7.9310, 4.9470



241.7240, 0.5970, -5.3150



241.1620, -9.4440, -5.0600

Sweetspot

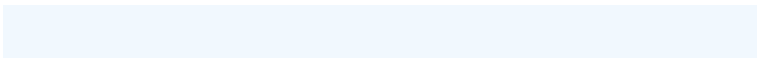
The Sweet Spot groups the original color and five complimentary colors.



244.2760, -0.5970, 5.3150



251.1680, -0.4130, 1.9790



246.5910, -6.0980, 0.3820



125.6410, -0.3670, 1.1450



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.



244.2760, -0.5970, 5.3150



243.8030, -0.6430, 6.1490



246.0700, 2.9790, 6.5870



121.2220, -0.5050, 3.6470



48.0860, -8.8630, 78.0570



15.9670, -3.2600, 26.0520

Inverse Universe

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



245.6850, 5.5010, 4.9330



245.3970, 6.3720, 5.6680



248.9300, -2.9790, -6.5870



122.1470, 4.0800, 3.1520



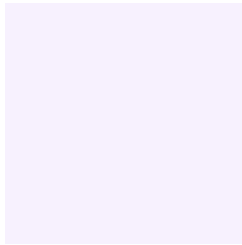
68.8510, 80.7730, 72.5250



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 244.2760, -0.5970, 5.3150 looks on a white background.

Color Contrast Check

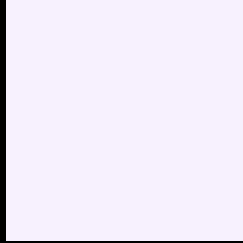
Large Text (above 18pt) WCAG AA × Fail

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 244.2760, -0.5970, 5.3150 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

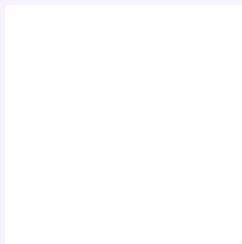
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.2760, -0.5970, 5.3150

Background



This preview shows how black text looks on a background with the YIQ color 244.2760, -0.5970, 5.3150.



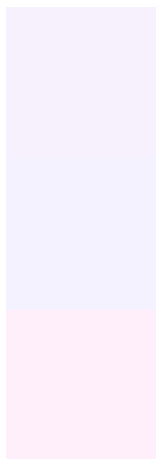
This preview shows how white text looks on a background with the YIQ color 244.2760, -0.5970,

5.3150.

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

244.2760, -0.5970, 5.3150

Protanopia

243.9660, -2.6600, 4.1560

Deuteranopia

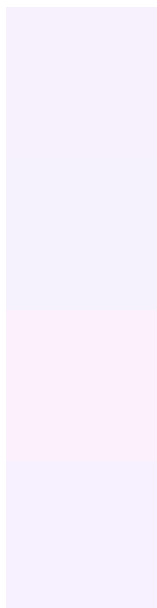
245.1520, 5.6840, 7.1240



Tritanopia

244.3900, -0.9180, 5.6260

Trichromacy



Original Color

244.2760, -0.5970, 5.3150

Protanomaly

244.2650, -2.0640, 4.3680

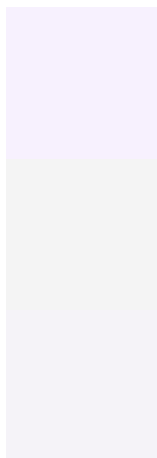
Deuteranomaly

244.9560, 3.3000, 6.2760

Tritanomaly

244.3900, -0.9180, 5.6260

Monochromacy



Original Color

244.2760, -0.5970, 5.3150

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.2760, -0.5970, 5.3150 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(247, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 254) }
```

Border

The CSS property to change the border of an element to YIQ 244.2760, -0.5970, 5.3150 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(247, 241, 254) }
```


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

```
.border{ border-color:rgb(247, 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(247, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 244.2760, -0.5970, 5.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 254) }
```

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

```
.background{ background-color: rgb(247,  
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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