

Converting Colors

YIQ(246.5970, -6.2350, -2.6430)

Have a look what the booklet for
YIQ(246.5970, -6.2350, -2.6430)
contains.

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Color

**YIQ(246.5970, -6.2350,
-2.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFAF9
RGB	239, 250, 249
RGB Percent	94%, 98%, 98%
CMY	0.0628, 0.0196, 0.0235
CMYK	0.04, 0.00, 0.00, 0.02
HSL	174°, 52%, 96%
HSV	174°, 4%, 98%
XYZ	86.8793, 93.5628, 103.0979
YIQ	246.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

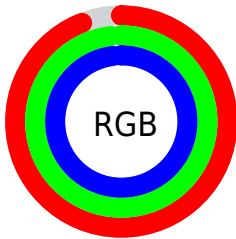
Format	Color
R _Y B	239, 245, 250
Decimal	15727353
CIE Lab	97.46, -3.79, -0.78
CIE LCh	97, 3.865, 191.646
Yxy	93.5628, 0.3064, 0.3300
Android (android.graphics.Color)	4293917433 (0xFFEFFF9)
YUV	246.5970, 1.1847, -6.6626
Hunter-Lab	96.7279, -8.9482, 4.5149

Details

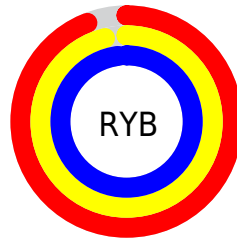
The YIQ color 246.5970, -6.2350, -2.6430 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 242.4030, 6.2350, 2.6430, and the grayscale version is 247.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 190.5970, -6.2350, -2.6430 is the 20% darker color. If you saturate the color by 10%, you get 238.8940, -20.4930, -8.5650, and if you desaturate by 10%, it is 251.6090, 2.6590, 1.3710.

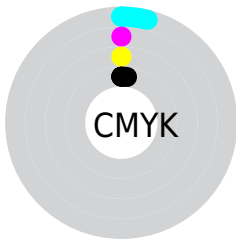
Distribution



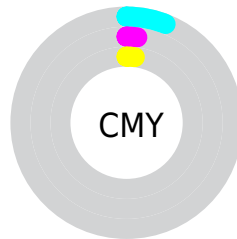
- Red (94%)
- Green (98%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



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




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

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.5970, -6.2350, -2.6430 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 246.5970, -6.2350, -2.6430 by changing the saturation by 10% instead.


 246.5970, -6.2350,
-2.6430

 246.5970, -6.2350,
-2.6430

255.0000, -0.0000,
-0.0000


 217.8960, -5.6390,
-2.4310

 190.5970, -6.2350,
-2.6430

 162.8960, -5.6390,
-2.4310

 136.8960, -5.6390,
-2.4310

 111.8960, -5.6390,
-2.4310

 87.1950, -5.0430,
-2.2190

 64.1950, -5.0430,

-2.2190

■ 42.1950, -5.0430,
-2.2190

■ 21.4940, -4.4470,
-2.0070

■ 246.5970, -6.2350,
-2.6430

■ 246.5970, -6.2350,
-2.6430

■ 238.8940,
-20.4930, -8.5650

■ 251.6090, 2.6590,
1.3710

■ 231.0770,
-34.4300, -14.7980

■ 251.9510, 1.6960,
2.3040

■ 223.3740,
-48.6880, -20.7200

■ 252.0650, 1.3750,
2.6150

■ 215.6710,
-62.9460, -26.6420

■ 207.8540,
-76.8830, -32.8750

■ 200.1510,
-91.1410, -38.7970

■ 192.4480,
-105.3990, -44.7190

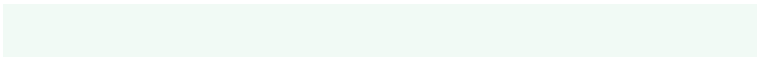
■ 184.7450,
-119.6570, -50.6410

■ 176.9280,
-133.5940, -56.8740

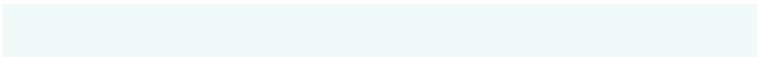
Harmonies

Analogous

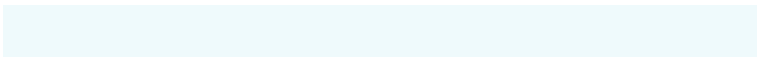
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.7390, -3.7590, -3.4630



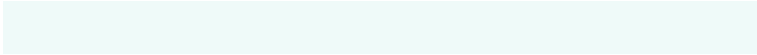
246.5970, -6.2350, -2.6430



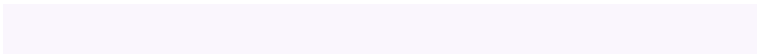
246.9390, -7.1980, -1.7100

Triad

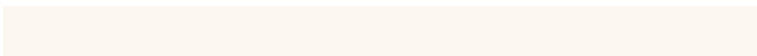
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.5970, -6.2350, -2.6430



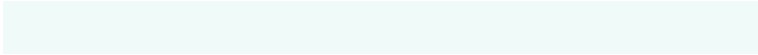
247.9940, 0.1370, 3.0250



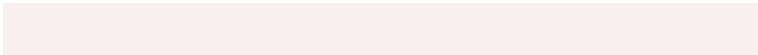
248.1100, 5.5020, -0.5940

Complementary

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



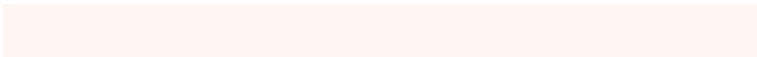
246.5970, -6.2350, -2.6430



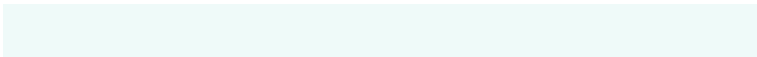
242.4030, 6.2350, 2.6430

Split Complementary

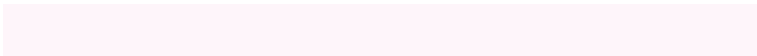
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.3490, 6.3270, 0.9750



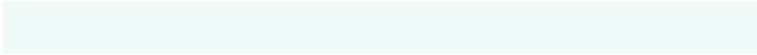
246.5970, -6.2350, -2.6430



248.2610, 3.7590, 3.4630

Square

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



246.5970, -6.2350, -2.6430



247.6130, -3.1640, 2.2760



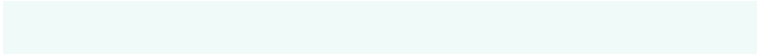
248.1040, 5.6390, 2.4310



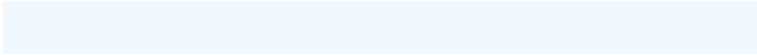
247.3870, 3.1640, -2.2760

Rectangle

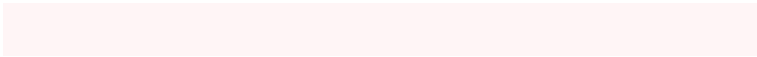
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



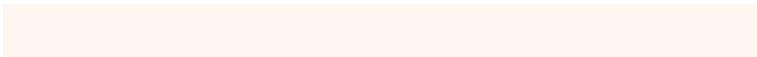
246.5970, -6.2350, -2.6430



247.1780, -6.3730, -0.1410



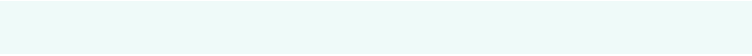
248.1040, 5.6390, 2.4310



247.8220, 6.3730, 0.1410

Sweetspot

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



246.5970, -6.2350, -2.6430



254.1030, -1.7880, -0.6360



245.7560, -2.4290, -5.5410



127.2880, -0.8710, -0.7350



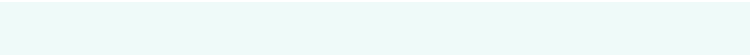
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



246.5970, -6.2350, -2.6430



250.9990, -7.4270, -3.0670



244.3630, -5.4560, -0.2400



122.4940, -4.4470, -2.0070



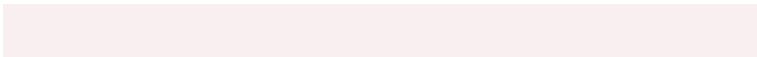
130.4370, -106.8660, -45.6660



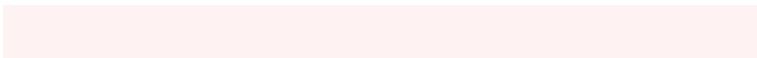
42.1910, -34.7510, -14.4870

Inverse Universe

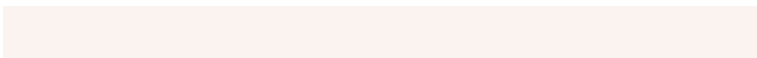
The Inverse Universe completely reimagines the original color for something new.



242.4030, 6.2350, 2.6430



246.0010, 7.4270, 3.0670



244.6370, 5.4560, 0.2400



119.5060, 4.4470, 2.0070



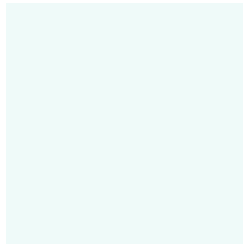
58.4490, 107.1870, 45.3550



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 246.5970, -6.2350, -2.6430 looks on a white background.

Color Contrast Check

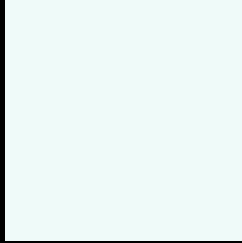
Large Text (above 18pt) WCAG AA × Fail

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 246.5970, -6.2350, -2.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

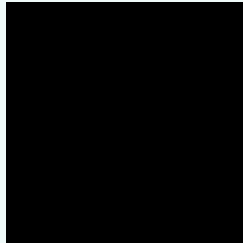
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

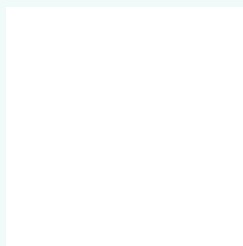
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.5970, -6.2350, -2.6430

Background



This preview shows how black text looks on a background with the YIQ color 246.5970, -6.2350, -2.6430.



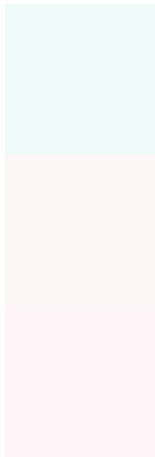
This preview shows how white text looks on a background with the YIQ color 246.5970, -6.2350, -2.6430.

-2.630.

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

246.5970, -6.2350, -2.6430

Protanopia

247.9080, 3.2550, 1.5830

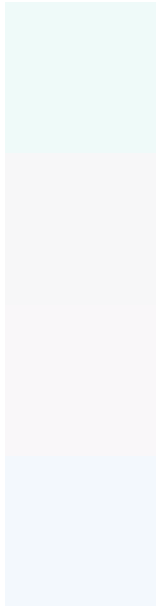
Deuteranopia

248.4460, 4.6760, 3.3640

Tritanopia

247.3140, -3.7600, 2.0640

Trichromacy



Original Color

246.5970, -6.2350, -2.6430

Protanomaly

247.1140, -0.3210, 0.3110

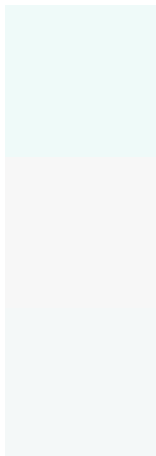
Deuteranomaly

247.8260, 0.5500, 1.0460

Tritanomaly

247.0750, -4.5850, 0.4950

Monochromacy



Original Color

246.5970, -6.2350, -2.6430

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.5970, -6.2350, -2.6430 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(239, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 250, 249)  
}
```

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(239, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 250, 249) }
```

Border

The CSS property to change the border of an element to YIQ 246.5970, -6.2350, -2.6430 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(239, 250, 249) }
```


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

```
.border{ border-color:rgb(239, 250, 249) }
```

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

Here you see how a box with a 4 pixel rgb(239, 250, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 250,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 246.5970, -6.2350, -2.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 250, 249) }
```

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

```
.background{ background-color: rgb(239,  
250, 249) }
```

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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