

Converting Colors

YIQ(240.7260, -10.9120,
-0.4800)

Have a look what the booklet for
YIQ(240.7260, -10.9120, -0.4800)
contains.

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Color

**YIQ(240.7260, -10.9120,
-0.4800)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E6F4FC |
| RGB | 230, 244, 252 |
| RGB Percent | 90%, 96%, 99% |
| CMY | 0.0981, 0.0431, 0.0118 |
| CMYK | 0.09, 0.03, 0.00, 0.01 |
| HSL | 202°, 78%, 95% |
| HSV | 202°, 9%, 99% |
| XYZ | 82.5520, 88.5542, 104.8267 |
| YIQ | 240.7260, -10.9120, -0.4800 |

Conversions

Conversions Part 2

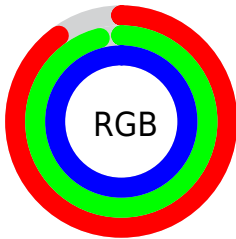
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 230, 239, 252 |
| Decimal | 15135996 |
| CIE Lab | 95.39, -3.09, -5.43 |
| CIE LCh | 95, 6.246, 240.318 |
| Yxy | 88.5542, 0.2992, 0.3209 |
| Android (android.graphics.Color) | 4293326076 (0xFFE6F4FC) |
| YUV | 240.7260, 5.5581, -9.4067 |
| Hunter-Lab | 94.1032, -8.0918, -0.1741 |

Details

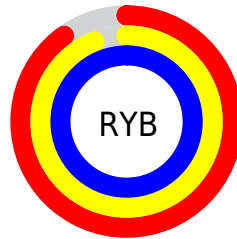
The YIQ color $240.7260, -10.9120, -0.4800$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.2740, 10.9120, 0.4800$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6120, -10.5910, -0.7910$ is the 20% darker color. If you saturate the color by 10%, you get $227.9680, -23.3370, -1.0730$, and if you desaturate by 10%, it is $253.4840, 1.5130, 0.1130$.

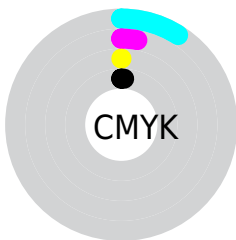
Distribution



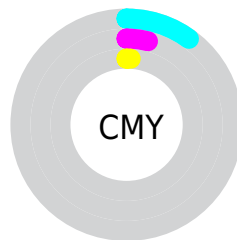
- Red (90%)
- Green (96%)
- Blue (99%)



- Red (90%)
- Yellow (94%)
- Blue (99%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.7260, -10.9120, -0.4800 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 240.7260, -10.9120, -0.4800 by changing the saturation by 10% instead.

240.7260,
-10.9120, -0.4800

240.7260,
-10.9120, -0.4800

255.0000, -0.0000,
-0.0000

212.6120,
-10.5910, -0.7910

184.6120,
-10.5910, -0.7910

157.9110, -9.9950,
-0.5790

131.9110, -9.9950,
-0.5790

106.2100, -9.3990,
-0.3670

82.2100, -9.3990,
-0.3670

59.0960, -9.0780,

-0.6780

■ 37.3950, -8.4820,
-0.4660

■ 16.0850, -10.5450,
-1.6250

■ 240.7260,
-10.9120, -0.4800

■ 240.7260,
-10.9120, -0.4800

■ 227.9680,
-23.3370, -1.0730

■ 253.4840, 1.5130,
0.1130

■ 215.2100,
-35.7620, -1.6660

■ 254.6580, 0.9630,
-0.9330

■ 202.1530,
-48.7830, -2.4710

■ 188.8080,
-60.9330, -2.5410

■ 176.0500,
-73.3580, -3.1340

■ 163.2920,
-85.7830, -3.7270

■ 150.5340,
-98.2080, -4.3200

■ 137.4770,
-111.2290, -5.1250

■ 124.7190,
-123.6540, -5.7180

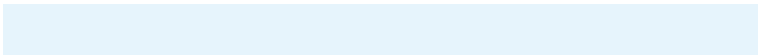
Harmonies

Analogous

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



239.9600, -11.6910, -2.8830



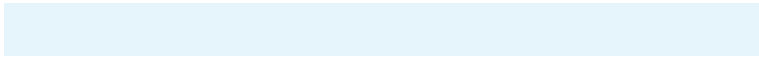
240.7260, -10.9120, -0.4800



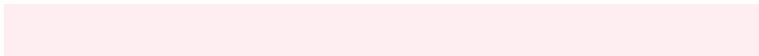
241.5740, -7.4280, 2.4600

Triad

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



240.7260, -10.9120, -0.4800



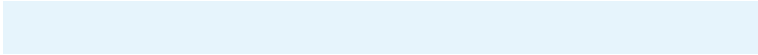
243.2400, 8.2520, 4.6360



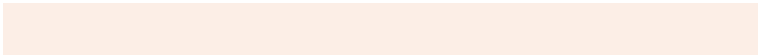
240.7350, 2.0640, -4.3680

Complementary

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



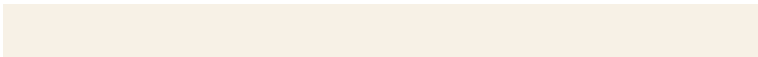
240.7260, -10.9120, -0.4800



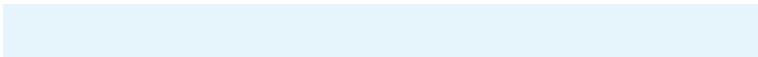
241.2740, 10.9120, 0.4800

Split Complementary

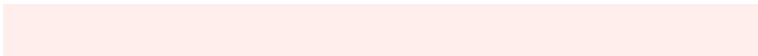
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.5400, 7.1070, -2.1490



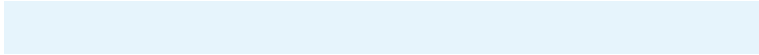
240.7260, -10.9120, -0.4800



242.8550, 10.7740, 2.9820

Square

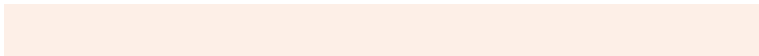
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



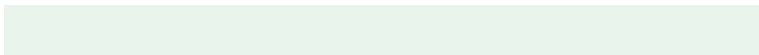
240.7260, -10.9120, -0.4800



243.3150, 3.6670, 5.1310



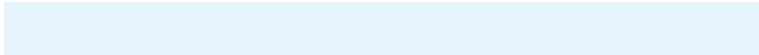
242.2740, 10.9120, 0.4800



240.3860, -4.2630, -5.3430

Rectangle

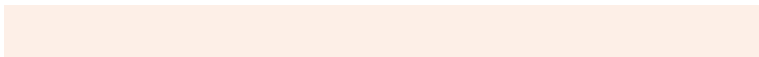
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.7260, -10.9120, -0.4800



242.3680, -3.8520, 3.7320



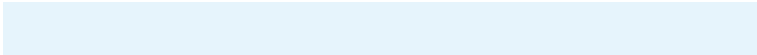
242.2740, 10.9120, 0.4800



241.2190, 3.5770, -4.2550

Sweetspot

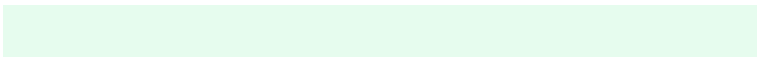
The Sweet Spot groups the original color and five complimentary colors.



240.7260, -10.9120, -0.4800



250.8470, -3.9430, -0.1270



243.8260, -8.6180, -9.0180



125.0320, -3.0260, -0.2260



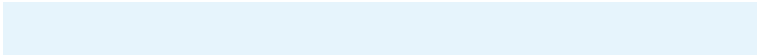
0.0000, 0.0000, 0.0000



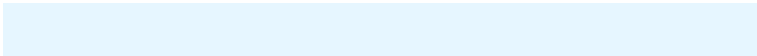
128.0000, -0.0000, -0.0000

Same Dimension

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



240.7260, -10.9120, -0.4800



242.2420, -12.4250, -0.5930



234.2690, -7.8870, 5.2730



118.1780, -6.3730, -0.1410



91.9860, -93.6690, -3.9810



29.8470, -30.3060, -1.4260

Inverse Universe

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



238.1740, 8.6180, 9.0180



239.2990, 9.7640, 10.2760



247.7310, 7.8870, -5.2730



116.7990, 5.1800, 5.2440



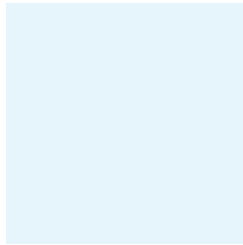
70.1910, 74.1240, 77.3880



22.6850, 23.8370, 25.0610

Previews

White Background



This preview shows how the YIQ color 240.7260, -10.9120, -0.4800 looks on a white background.

Color Contrast Check

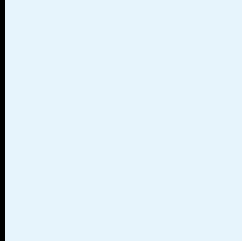
Large Text (above 18pt) WCAG AA × Fail

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 240.7260, -10.9120, -0.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

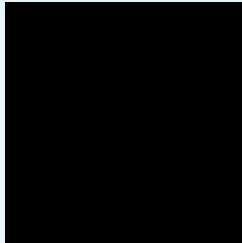
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

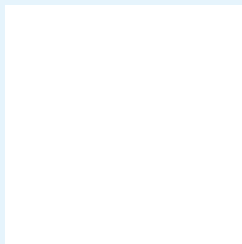
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.7260, -10.9120, -0.4800

Background



This preview shows how black text looks on a background with the YIQ color 240.7260, -10.9120, -0.4800.



This preview shows how white text looks on a background with the YIQ color 240.7260, -10.9120,

-0.4800.

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

240.7260, -10.9120, -0.4800

Protanopia

242.0370, -1.4220, 3.7460

Deuteranopia

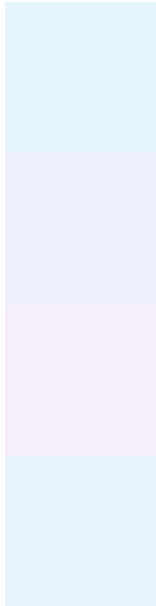
243.3910, 6.5090, 8.6930



Tritanopia

241.3890, -8.3450, 2.5590

Trichromacy



Original Color

240.7260, -10.9120, -0.4800

Protanomaly

241.2430, -4.9980, 2.4740

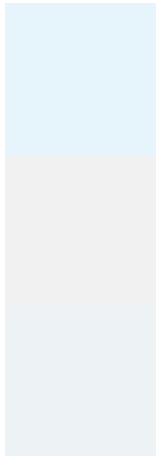
Deuteranomaly

242.4610, 0.3200, 5.2160

Tritanomaly

241.2640, -9.4910, 1.3010

Monochromacy



Original Color

240.7260, -10.9120, -0.4800

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.7260, -10.9120, -0.4800 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(230, 244, 252)` looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 252)  
}
```

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(230, 244, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 252) }
```

Border

The CSS property to change the border of an element to YIQ 240.7260, -10.9120, -0.4800 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(230, 244, 252) }
```


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

```
.border{ border-color:rgb(230, 244, 252) }
```

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

Here you see how a box with a 4 pixel rgb(230, 244, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 252);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 240.7260, -10.9120, -0.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 252) }
```

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

```
.background{ background-color: rgb(230,  
244, 252) }
```

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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