

Converting Colors

YIQ(236.7260, -10.9120,
-0.4800)

Have a look what the booklet for
YIQ(236.7260, -10.9120, -0.4800)
contains.

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Color

**YIQ(236.7260, -10.9120,
-0.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F0F8
RGB	226, 240, 248
RGB Percent	89%, 94%, 97%
CMY	0.1137, 0.0588, 0.0275
CMYK	0.09, 0.03, 0.00, 0.03
HSL	202°, 61%, 93%
HSV	202°, 9%, 97%
XYZ	79.4649, 85.2678, 101.0667
YIQ	236.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

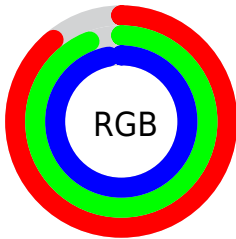
Format	Color
R _Y B	226, 235, 248
Decimal	14872824
CIE Lab	94.00, -3.10, -5.44
CIE LCh	94, 6.264, 240.331
Yxy	85.2678, 0.2990, 0.3208
Android (android.graphics.Color)	4293062904 (0xFFE2F0F8)
YUV	236.7260, 5.5581, -9.4067
Hunter-Lab	92.3405, -7.9854, -0.2545

Details

The YIQ color $236.7260, -10.9120, -0.4800$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.2740, 10.9120, 0.4800$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.0250, -10.3160, -0.2680$ is the 20% darker color. If you saturate the color by 10%, you get $223.9680, -23.3370, -1.0730$, and if you desaturate by 10%, it is $249.4840, 1.5130, 0.1130$.

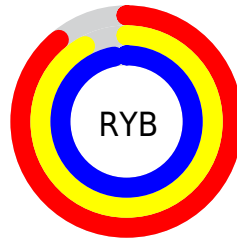
Distribution



Red (89%)

Green (94%)

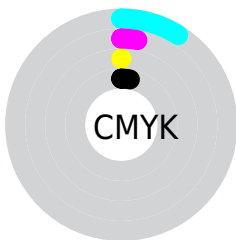
Blue (97%)



Red (89%)

Yellow (92%)

Blue (97%)

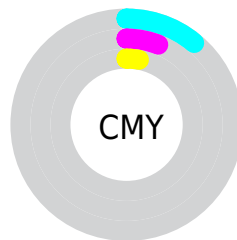


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (6%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.7260, -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 236.7260, -10.9120, -0.4800 by changing the saturation by 10% instead.

■ 236.7260,
-10.9120, -0.4800

■ 236.7260,
-10.9120, -0.4800

255.0000, -0.0000,
-0.0000

■ 208.6120,
-10.5910, -0.7910

■ 181.0250,
-10.3160, -0.2680

■ 154.0250,
-10.3160, -0.2680

■ 127.9110, -9.9950,
-0.5790

■ 103.2100, -9.3990,
-0.3670

■ 79.0960, -9.0780,
-0.6780

■ 56.0960, -9.0780,

-0.6780

■ 34.3950, -8.4820,
-0.4660

■ 12.0140, -11.7830,
-1.2150

■ 236.7260,
-10.9120, -0.4800

■ 236.7260,
-10.9120, -0.4800

■ 223.9680,
-23.3370, -1.0730

■ 249.4840, 1.5130,
0.1130

■ 211.2100,
-35.7620, -1.6660

■ 254.2020, 2.2470,
-2.1770

■ 198.7510,
-47.5910, -2.0470

■ 185.9930,
-60.0160, -2.6400

■ 173.2350,
-72.4410, -3.2330

■ 160.4770,
-84.8660, -3.8260

■ 147.7190,
-97.2910, -4.4190

■ 135.2600,
-109.1200, -4.8000

■ 122.5020,
-121.5450, -5.3930

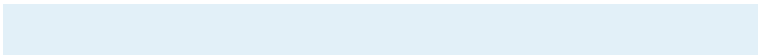
Harmonies

Analogous

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



235.9600, -11.6910, -2.8830



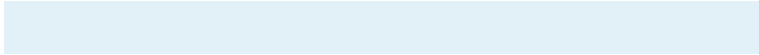
236.7260, -10.9120, -0.4800



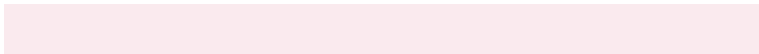
237.5740, -7.4280, 2.4600

Triad

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



236.7260, -10.9120, -0.4800



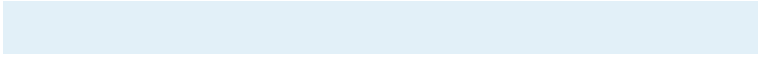
239.2400, 8.2520, 4.6360



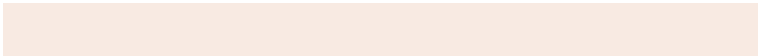
236.7350, 2.0640, -4.3680

Complementary

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



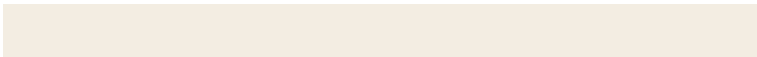
236.7260, -10.9120, -0.4800



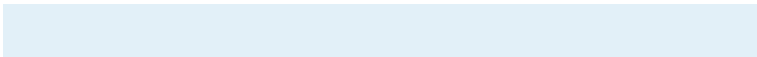
237.2740, 10.9120, 0.4800

Split Complementary

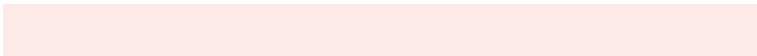
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.5400, 7.1070, -2.1490



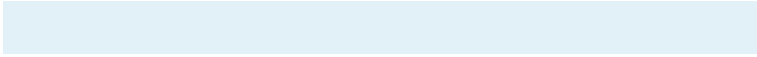
236.7260, -10.9120, -0.4800



238.8550, 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.



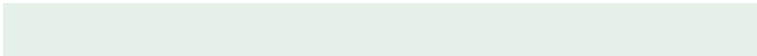
236.7260, -10.9120, -0.4800



239.3150, 3.6670, 5.1310



238.2740, 10.9120, 0.4800



236.3860, -4.2630, -5.3430

Rectangle

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



236.7260, -10.9120, -0.4800



238.3680, -3.8520, 3.7320



238.2740, 10.9120, 0.4800



237.2190, 3.5770, -4.2550

Sweetspot

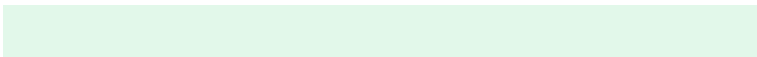
The Sweet Spot groups the original color and five complimentary colors.



236.7260, -10.9120, -0.4800



250.8470, -3.9430, -0.1270



239.8260, -8.6180, -9.0180



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



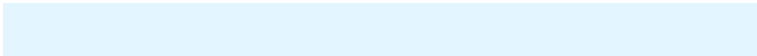
128.0000, -0.0000, -0.0000

Same Dimension

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



236.7260, -10.9120, -0.4800



240.7580, -13.9380, -0.7060



230.2690, -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.



234.1740, 8.6180, 9.0180



237.4240, 10.9100, 11.5340



243.7310, 7.8870, -5.2730



116.7990, 5.1800, 5.2440



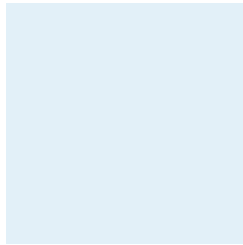
70.1910, 74.1240, 77.3880



22.6850, 23.8370, 25.0610

Previews

White Background



This preview shows how the YIQ color 236.7260, -10.9120, -0.4800 looks on a white background.

Color Contrast Check

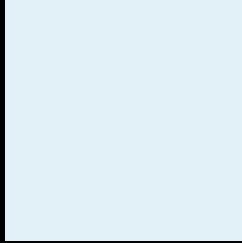
Large Text (above 18pt) WCAG AA × Fail

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 236.7260, -10.9120, -0.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

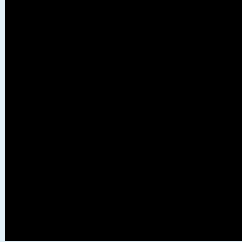
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

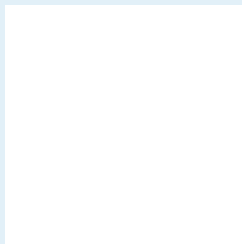
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.7260, -10.9120, -0.4800

Background



This preview shows how black text looks on a background with the YIQ color 236.7260, -10.9120, -0.4800.



This preview shows how white text looks on a background with the YIQ color 236.7260, -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

236.7260, -10.9120, -0.4800

Protanopia

238.0370, -1.4220, 3.7460

Deuteranopia

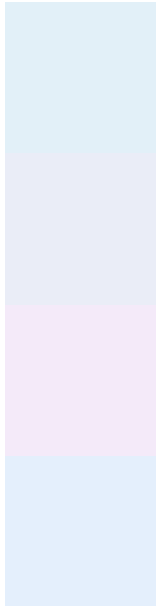
239.7550, 8.4800, 11.5200



Tritanopia

237.2470, -10.8210, 3.3790

Trichromacy



Original Color

236.7260, -10.9120, -0.4800

Protanomaly

237.2430, -4.9980, 2.4740

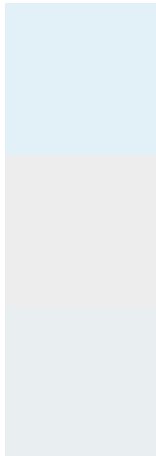
Deuteranomaly

238.7000, 1.1450, 6.7850

Tritanomaly

237.1930, -10.7290, 1.7110

Monochromacy



Original Color

236.7260, -10.9120, -0.4800

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.7260, -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(226, 240, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 240, 248)  
}
```

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(226, 240, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 240, 248) }
```

Border

The CSS property to change the border of an element to YIQ 236.7260, -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(226, 240, 248) }
```


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

```
.border{ border-color:rgb(226, 240, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 240, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 240, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 240, 248); box-shadow:4px 4px 4px 4px rgb(226, 240, 248) }
```

Background

The CSS property to change the background color of an element to YIQ 236.7260, -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(226, 240, 248) }
```

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

```
.background{ background-color: rgb(226,  
240, 248) }
```

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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