

Converting Colors

YIQ(246.9120, -11.7360,
-7.5760)

Have a look what the booklet for
YIQ(246.9120, -11.7360, -7.5760)
contains.

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Color

**YIQ(246.9120, -11.7360,
-7.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFF7
RGB	231, 255, 247
RGB Percent	91%, 100%, 97%
CMY	0.0942, 0.0000, 0.0314
CMYK	0.09, 0.00, 0.03, 0.00
HSL	160°, 100%, 95%
HSV	160°, 9%, 100%
XYZ	85.4968, 95.2211, 101.8607
YIQ	246.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

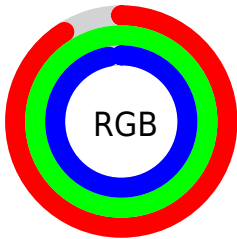
Format	Color
R _Y B	231, 245, 255
Decimal	15204343
CIE Lab	98.12, -9.25, 1.16
CIE LCh	98, 9.318, 172.865
Yxy	95.2211, 0.3026, 0.3370
Android (android.graphics.Color)	4293394423 (0xFFE7FFF7)
YUV	246.9120, 0.0434, -13.9548
Hunter-Lab	97.5813, -14.3727, 6.4167

Details

The YIQ color $246.9120, -11.7360, -7.5760$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $239.0880, 11.7360, 7.5760$, 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 $190.3250, -11.4610, -7.0530$ is the 20% darker color. If you saturate the color by 10%, you get $238.1120, -24.3430, -15.8870$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

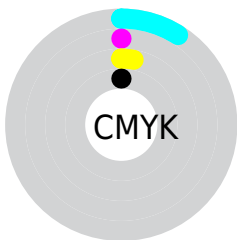
Distribution



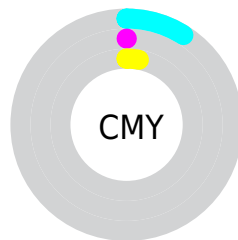
- Red (91%)
- Green (100%)
- Blue (97%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.9120, -11.7360, -7.5760 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 246.9120, -11.7360, -7.5760 by changing the saturation by 10% instead.

246.9120,
-11.7360, -7.5760

246.9120,
-11.7360, -7.5760

255.0000, -0.0000,
-0.0000

218.3250,
-11.4610, -7.0530

190.3250,
-11.4610, -7.0530

163.6240,
-10.8650, -6.8410

136.9230,
-10.2690, -6.6290

111.9230,
-10.2690, -6.6290

87.3360, -9.9940,
-6.1060

63.6350, -9.3980,

-5.8940

■ 41.6350, -9.3980,
-5.8940

■ 20.4500, -10.3150,
-5.7950

■ 246.9120,
-11.7360, -7.5760

■ 246.9120,
-11.7360, -7.5760

■ 238.1120,
-24.3430, -15.8870

255.0000, -0.0000,
-0.0000

■ 229.7250,
-36.6750, -23.6750

■ 220.9250,
-49.2820, -31.9860

■ 212.5380,
-61.6140, -39.7740

■ 203.7380,
-74.2210, -48.0850

■ 195.3510,
-86.5530, -55.8730

■ 186.5510,
-99.1600, -64.1840

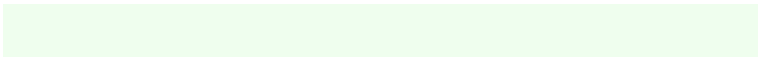
■ 178.1640,
-111.4920, -71.9720

■ 169.3640,
-124.0990, -80.2830

Harmonies

Analogous

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



247.6910, -3.8040, -8.1560



246.9120, -11.7360, -7.5760



246.9270, -16.0920, -5.7240

Triad

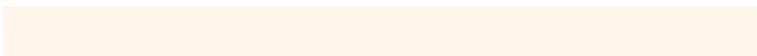
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.9120, -11.7360, -7.5760



249.0970, -1.6510, 2.3890



246.8500, 9.1700, -0.9900

Complementary

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



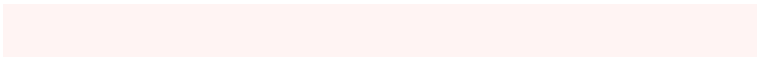
246.9120, -11.7360, -7.5760



239.0880, 11.7360, 7.5760

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.



247.1750, 6.8770, 2.0210



246.9120, -11.7360, -7.5760



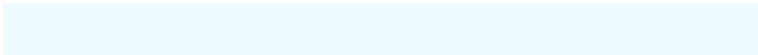
249.1300, 2.7500, 5.2300

Square

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



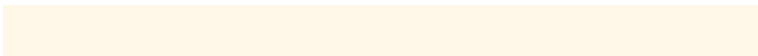
246.9120, -11.7360, -7.5760



247.5690, -9.0320, -1.5120



248.2010, 3.9880, 4.8200



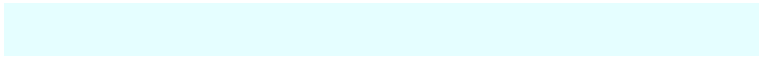
248.2690, 9.3080, -3.4920

Rectangle

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



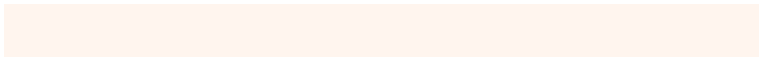
246.9120, -11.7360, -7.5760



246.6390, -15.2210, -4.9890



248.2010, 3.9880, 4.8200



247.1920, 8.2070, -0.0570

Sweetspot

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



246.9120, -11.7360, -7.5760



252.2660, -3.8050, -2.6290



247.4800, -1.8320, -10.8560



125.9780, -2.9340, -1.8940



0.0000, 0.0000, 0.0000



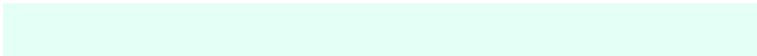
128.0000, -0.0000, -0.0000

Same Dimension

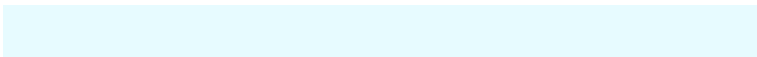
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.9120, -11.7360, -7.5760



245.6020, -13.7990, -8.7350



245.4760, -13.2040, -2.9960



123.5430, -6.1430, -4.3110



126.5950, -93.2920, -60.3960



42.3560, -31.0820, -20.4100

Inverse Universe

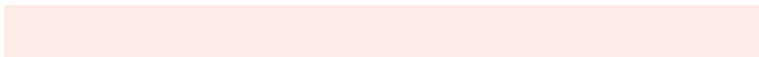
The Inverse Universe completely reimagines the original color for something new.



239.0880, 11.7360, 7.5760



236.3980, 13.7990, 8.7350



240.5240, 13.2040, 2.9960



119.3430, 6.4640, 4.0000



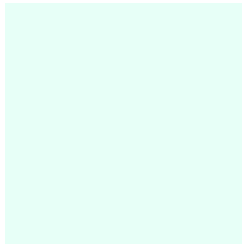
64.4050, 93.2920, 60.3960



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 246.9120, -11.7360, -7.5760 looks on a white background.

Color Contrast Check

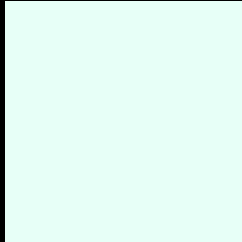
Large Text (above 18pt) WCAG AA × Fail

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 246.9120, -11.7360, -7.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

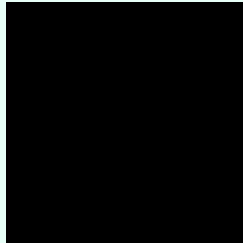
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

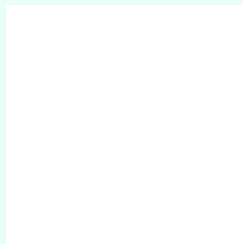
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.9120, -11.7360, -7.5760

Background



This preview shows how black text looks on a background with the YIQ color 246.9120, -11.7360, -7.5760.



This preview shows how white text looks on a background with the YIQ color 246.9120, -11.7360, -7.5760.

-7.5760.

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

246.9120, -11.7360, -7.5760

Protanopia

249.5230, 5.7770, -0.0710

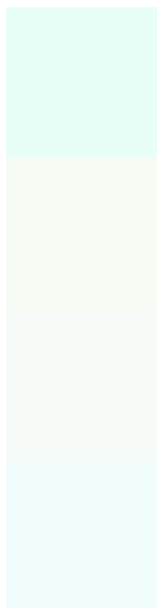
Deuteranopia

250.2070, 3.8510, 1.7950

Tritanopia

249.3740, -3.9890, 0.7070

Trichromacy



Original Color

246.9120, -11.7360, -7.5760

Protanomaly

248.7070, -0.7330, -3.2370

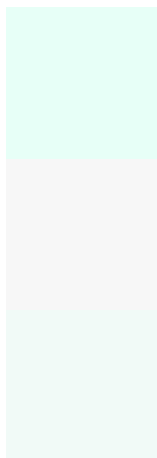
Deuteranomaly

249.1630, -2.0170, -1.9930

Tritanomaly

248.7110, -6.5560, -2.3320

Monochromacy



Original Color

246.9120, -11.7360, -7.5760

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.9670, -4.4010, -2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.9120, -11.7360, -7.5760 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(231, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 247)  
}
```

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(231, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 247) }
```

Border

The CSS property to change the border of an element to YIQ 246.9120, -11.7360, -7.5760 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(231, 255, 247) }
```


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

```
.border{ border-color:rgb(231, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(231, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 246.9120, -11.7360, -7.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 247) }
```

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

```
.background{ background-color: rgb(231,  
255, 247) }
```

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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