

Converting Colors

YUV(246.6840, -0.8302,
-13.7549)

Have a look what the booklet for
YUV(246.6840, -0.8302, -13.7549)
contains.

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Color

**YUV(246.6840, -0.8302,
-13.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFF5
RGB	231, 255, 245
RGB Percent	91%, 100%, 96%
CMY	0.0941, 0.0000, 0.0392
CMYK	0.09, 0.00, 0.04, 0.00
HSL	155°, 100%, 95%
HSV	155°, 9%, 100%
XYZ	85.1964, 95.1015, 100.2523
YIQ	246.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

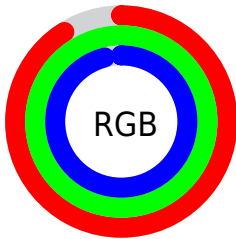
Format	Color
R _Y B	231, 246, 255
Decimal	15204341
CIE Lab	98.07, -9.61, 2.11
CIE LCh	98, 9.835, 167.611
Yxy	95.1015, 0.3037, 0.3390
Android (android.graphics.Color)	4293394421 (0xFFE7FFF5)
YUV	246.6840, -0.8302, -13.7549
Hunter-Lab	97.5200, -14.7170, 7.3128

Details

The YUV color $246.6840, -0.8302, -13.7549$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $239.3160, 0.8302, 13.7549$, 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 $190.0970, -0.5408, -13.2401$ is the 20% darker color. If you saturate the color by 10%, you get $237.9550, -1.9498, -28.0245$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

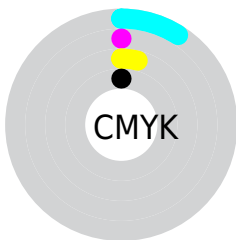
Distribution



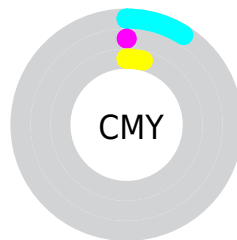
- Red (91%)
- Green (100%)
- Blue (96%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.6840, -0.8302, -13.7549 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 YUV color 246.6840, -0.8302, -13.7549 by changing the saturation by 10% instead.

 246.6840, -0.8302,
-13.7549

 246.6840, -0.8302,
-13.7549

255.0000, 0.0000,
0.0000


 218.0970, -0.5408,
-13.2401

 190.0970, -0.5408,
-13.2401

 163.3960, -0.6882,
-12.6253

 136.8090, -0.3988,
-12.1105

 111.6950, -0.8356,
-12.0105

 87.1080, -0.5462,
-11.4957

 63.5210, -0.2569,

-10.9809

■ 41.5210, -0.2569,
-10.9809

■ 20.3360, 0.3274,
-11.6957

■ 246.6840, -0.8302,
-13.7549

■ 246.6840, -0.8302,
-13.7549

■ 237.9550, -1.9498,
-28.0245

255.0000, 0.0000,
0.0000

■ 229.0410, -2.4852,
-43.0090

■ 220.3120, -3.6048,
-57.2786

■ 211.3980, -4.1402,
-72.2630

■ 202.6690, -5.2598,
-86.5327

■ 193.6410, -6.2320,
-101.4172

■ 185.0260, -6.9148,
-115.7868

■ 175.9980, -7.8870,
-130.6712

■ 167.2690, -9.0066,
-144.9409

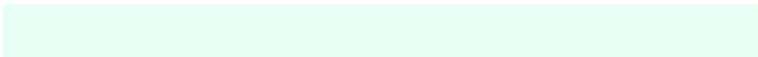
Harmonies

Analogous

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



247.1750, -5.5093, -6.2925



246.6840, -0.8302, -13.7549



246.3290, 4.2748, -17.8285

Triad

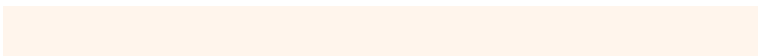
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.6840, -0.8302, -13.7549



248.4990, 3.2050, -1.3146



246.9640, -5.4053, 7.0476

Complementary

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



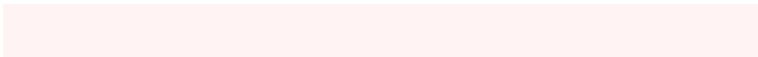
246.6840, -0.8302, -13.7549



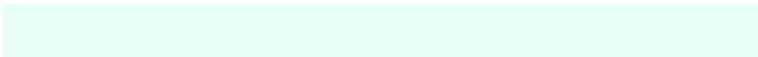
239.3160, 0.8302, 13.7549

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.



246.7020, -1.3321, 7.2773



246.6840, -0.8302, -13.7549



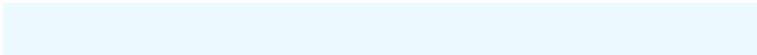
249.1300, 2.8939, 5.1480

Square

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



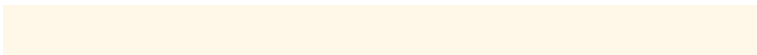
246.6840, -0.8302, -13.7549



246.6720, 4.1057, -10.2363



247.8420, 3.0359, 6.2776



247.5680, -8.1680, 6.5179

Rectangle

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



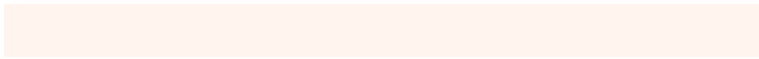
246.6840, -0.8302, -13.7549



246.6280, 4.1274, -17.2138



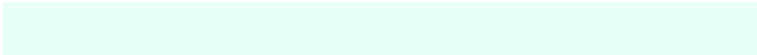
247.8420, 3.0359, 6.2776



246.6050, -4.2423, 7.3624

Sweetspot

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



246.6840, -0.8302, -13.7549



252.2660, -0.1311, -4.6183



248.0780, -8.4195, -6.2074



125.8640, -0.4260, -3.3887



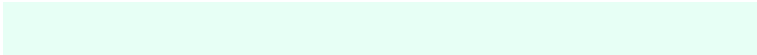
0.0000, 0.0000, 0.0000



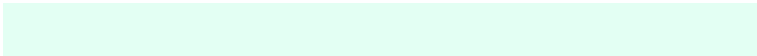
128.0000, 0.0000, 0.0000

Same Dimension

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



246.6840, -0.8302, -13.7549



245.2600, -1.1142, -16.0140



246.6500, 4.1166, -13.7250



123.4290, -0.7045, -7.3922



124.8850, -6.3523, -109.5241



41.7860, -2.3595, -36.6463

Inverse Universe

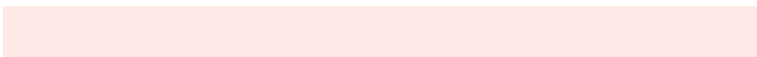
The Inverse Universe completely reimagines the original color for something new.



239.3160, 0.8302, 13.7549



236.7400, 1.1142, 16.0140



239.3500, -4.1165, 13.7251



119.4570, 0.2677, 7.4922



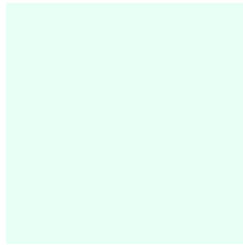
66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 246.6840, -0.8302, -13.7549 looks on a white background.

Color Contrast Check

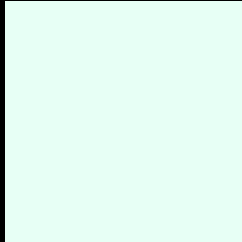
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 246.6840, -0.8302, -13.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

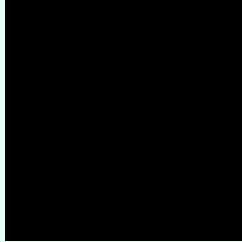
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

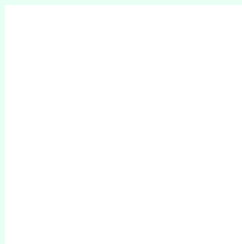
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.6840, -0.8302, -13.7549

Background



This preview shows how black text looks on a background with the YUV color 246.6840, -0.8302, -13.7549.



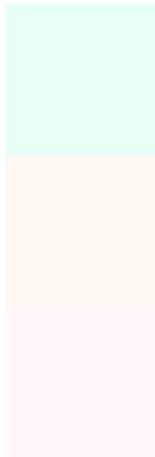
This preview shows how white text looks on a background with the YUV color 246.6840, -0.8302, -13.7549.

-13.7649.

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

246.6840, -0.8302, -13.7549

Protanopia

249.4090, -3.6526, 4.9033

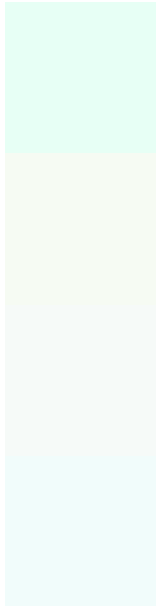
Deuteranopia

249.6200, -0.3057, 4.7183

Tritanopia

249.3740, 2.7736, -2.9590

Trichromacy



Original Color

246.6840, -0.8302, -13.7549

Protanomaly

248.5930, -2.7573, -2.2741

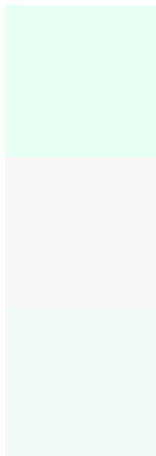
Deuteranomaly

248.5760, -0.2840, -2.2592

Tritanomaly

248.5970, 1.1847, -6.6626

Monochromacy



Original Color

246.6840, -0.8302, -13.7549

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.8530, -0.4205, -5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.6840, -0.8302, -13.7549 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 245) }
```

Border

The CSS property to change the border of an element to YUV 246.6840, -0.8302, -13.7549 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, 245) }
```


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

```
.border{ border-color:rgb(231, 255, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 246.6840, -0.8302, -13.7549 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, 245) }
```

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

```
.background{ background-color: rgb(231,  
255, 245) }
```

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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