

Converting Colors

YUV(231.7260, -34.8679,
-16.4227)

Have a look what the booklet for
YUV(231.7260, -34.8679, -16.4227)
contains.

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Color

**YUV(231.7260, -34.8679,
-16.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFA1
RGB	213, 255, 161
RGB Percent	84%, 100%, 63%
CMY	0.1647, 0.0000, 0.3686
CMYK	0.16, 0.00, 0.37, 0.00
HSL	87°, 100%, 82%
HSV	87°, 37%, 100%
XYZ	69.6336, 88.2393, 47.0800
YIQ	231.7260, 5.1420, -38.1380

Conversions

Conversions Part 2

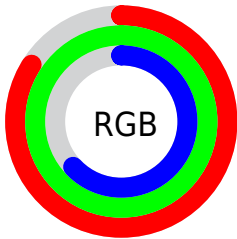
Format	Color
RYB	161, 255, 203
Decimal	14024609
CIELab	95.26, -28.83, 40.59
CIELCh	95, 49.791, 125.384
Yxy	88.2393, 0.3398, 0.4305
Android (android.graphics.Color)	4292214689 (0xFFD5FFA1)
YUV	231.7260, -34.8679, -16.4227
Hunter-Lab	93.9358, -32.0675, 36.0393

Details

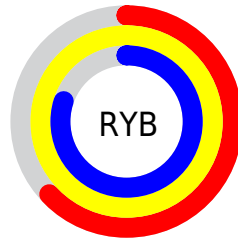
The YUV color $231.7260, -34.8679, -16.4227$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $184.2740, 34.8679, 16.4227$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, -16.5983, 3.7992$, and $175.4810, -33.2681, -16.2078$ is the 20% darker color. If you saturate the color by 10%, you get $225.4730, -44.6032, -20.5858$, and if you desaturate by 10%, it is $237.9790, -25.1326, -12.2596$.

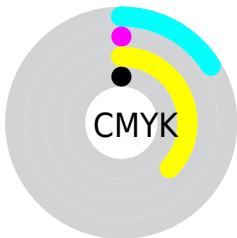
Distribution



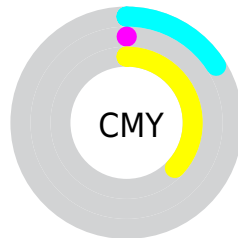
- Red (84%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 231.7260, -34.8679, -16.4227 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 231.7260, -34.8679, -16.4227 by changing the saturation by 10% instead.


 231.7260,
-34.8679, -16.4227

 231.7260,
-34.8679, -16.4227


255.0000, 0.0000,
0.0000


 203.2530,
-34.1417, -16.0079


 250.6680,
-16.5983, 3.7992


 175.4810,
-33.2681, -16.2078

 253.8600, -4.3680,
0.9998

 148.7090,
-32.3945, -16.4078

 122.2360,
-31.6683, -15.9930

 96.3500, -31.2315,
-16.0929

 70.5950, -32.8313,
-16.3078

 48.8750, -24.0954,

-18.3074

■ 27.5890, -13.6014,
-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 231.7260,
-34.8679, -16.4227

■ 231.7260,
-34.8679, -16.4227

■ 225.4730,
-44.6032, -20.5858

■ 237.9790,
-25.1326, -12.2596

■ 219.0350,
-53.7543, -25.4637

■ 244.4170,
-15.9816, -7.3817

■ 212.7820,
-63.4895, -29.6268

■ 250.6700, -6.2463,
-3.2186

■ 206.3440,
-72.6406, -34.5047

255.0000, 0.0000,
0.0000

■ 200.0910,
-82.3759, -38.6678

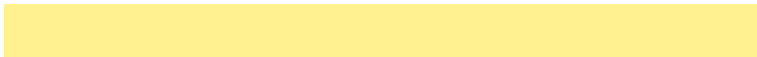
■ 193.9520,
-91.6743, -42.9309

■ 191.8440,
-94.5791, -44.5902

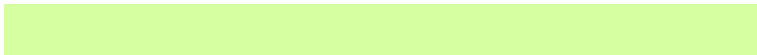
Harmonies

Analogous

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



234.1280, -44.4331, 18.3047



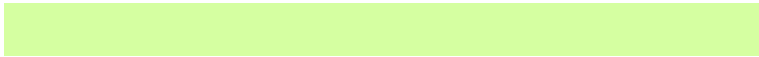
231.7260, -34.8679, -16.4227



218.5310, -9.1358, -56.5937

Triad

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



231.7260, -34.8679, -16.4227



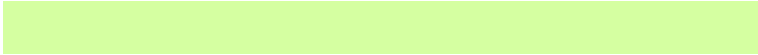
207.7580, 23.2903, -97.1348



222.6690, 5.5862, 28.3543

Complementary

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



231.7260, -34.8679, -16.4227



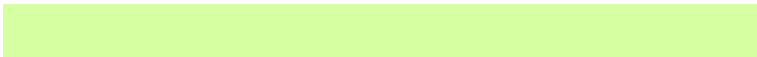
184.2740, 34.8679, 16.4227

Split Complementary

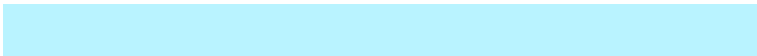
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5850, 13.0226, 23.1660



231.7260, -34.8679, -16.4227



227.0260, 13.7912, -36.8568

Square

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



231.7260, -34.8679, -16.4227



178.7550, 37.5888, -156.7681



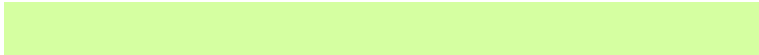
237.9770, 8.3923, 14.9292



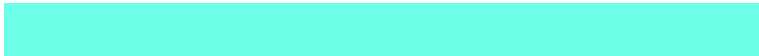
220.9470, -16.2429, 29.8645

Rectangle

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



231.7260, -34.8679, -16.4227



208.7240, 11.4751, -87.4579



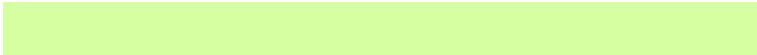
237.9770, 8.3923, 14.9292



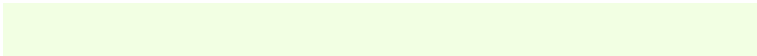
224.6070, 13.0117, 26.6547

Sweetspot

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



231.7260, -34.8679, -16.4227



247.9210, -10.3141, -5.1927



213.1730, -25.7213, 36.6823



123.6700, -6.2463, -3.2186



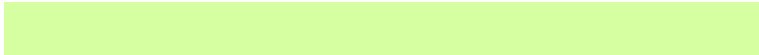
0.0000, 0.0000, 0.0000



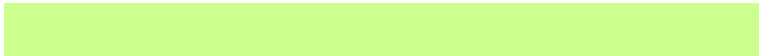
128.0000, 0.0000, 0.0000

Same Dimension

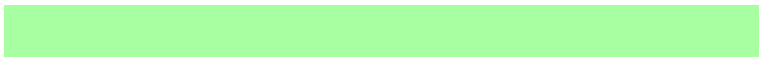
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.7260, -34.8679, -16.4227



227.2820, -41.5510, -19.5413



217.9720, -28.0872, -44.7024



124.7240, -4.7939, -2.3889



143.8110, -70.8988, -33.1602



48.0330, -23.6803, -11.4299

Inverse Universe

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



184.2740, 34.8679, 16.4227



170.7180, 41.5510, 19.5413



198.0280, 28.0872, 44.7024



117.9770, 4.9413, 1.7742



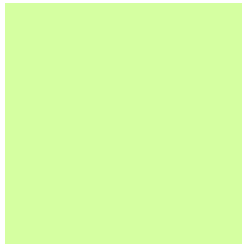
47.1890, 70.8988, 33.1602



15.6680, 23.8277, 10.8152

Previews

White Background



This preview shows how the YUV color 231.7260, -34.8679, -16.4227 looks on a white background.

Color Contrast Check

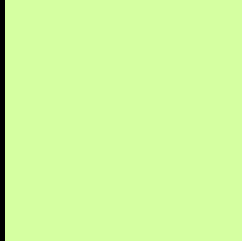
Large Text (above 18pt) WCAG AA × Fail

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 231.7260, -34.8679, -16.4227 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

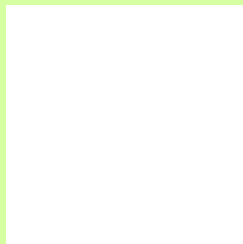
Any Text WCAG AAA ✓ Pass

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

YUV 231.7260, -34.8679, -16.4227 Background



This preview shows how black text looks on a background with the YUV color 231.7260, -34.8679, -16.4227.



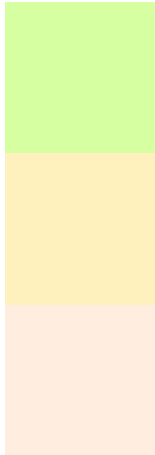
This preview shows how white text looks on a background with the YUV color 231.7260, -34.8679, -16.4227.

-16.4227.

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

231.7260, -34.8679, -16.4227

Protanopia

239.3720, -24.3404, 13.7058

Deuteranopia

241.3730, -9.0579, 11.9509



Tritanopia

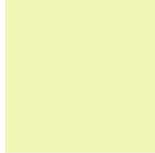
240.4920, 7.1524, -7.4475

Trichromacy



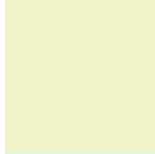
Original Color

231.7260, -34.8679, -16.4227



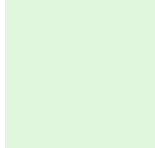
Protanomaly

236.5680, -28.3810, 3.0099



Deuteranomaly

237.7880, -18.6295, 1.9399



Tritanomaly

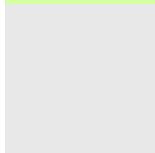
237.4580, -8.1138, -10.9257

Monochromacy



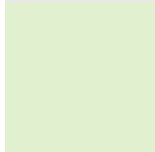
Original Color

231.7260, -34.8679, -16.4227



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.6390, -12.6400, -5.8224

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.7260, -34.8679, -16.4227 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(213, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 161)  
}
```

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(213, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 161) }
```

Border

The CSS property to change the border of an element to YUV 231.7260, -34.8679, -16.4227 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(213, 255, 161) }
```


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

```
.border{ border-color:rgb(213, 255, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 231.7260, -34.8679, -16.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 161) }
```

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

```
.background{ background-color: rgb(213,  
255, 161) }
```

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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