

Converting Colors

YUV(231.0850, -36.0309,
-16.7375)

Have a look what the booklet for
YUV(231.0850, -36.0309, -16.7375)
contains.

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Color

**YUV(231.0850, -36.0309,
-16.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FF9E
RGB	212, 255, 158
RGB Percent	83%, 100%, 62%
CMY	0.1686, 0.0000, 0.3804
CMYK	0.17, 0.00, 0.38, 0.00
HSL	87°, 100%, 81%
HSV	87°, 38%, 100%
XYZ	69.0829, 87.9857, 45.6896
YIQ	231.0850, 5.5090, -39.2830

Conversions

Conversions Part 2

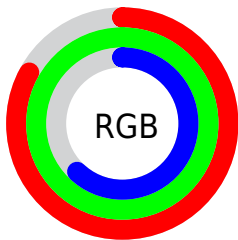
Format	Color
RYB	158, 255, 201
Decimal	13959070
CIELab	95.15, -29.56, 41.91
CIELCh	95, 51.291, 125.196
Yxy	87.9857, 0.3407, 0.4339
Android (android.graphics.Color)	4292149150 (0xFFD4FF9E)
YUV	231.0850, -36.0309, -16.7375
Hunter-Lab	93.8007, -32.6883, 36.7807

Details

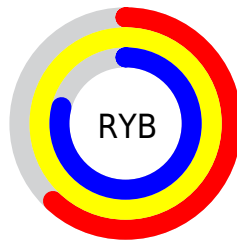
The YUV color $231.0850, -36.0309, -16.7375$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $181.9150, 36.0309, 16.7375$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, -17.9087, 4.0991$, and $174.8400, -34.4311, -16.5227$ is the 20% darker color. If you saturate the color by 10%, you get $224.8320, -45.7662, -20.9007$, and if you desaturate by 10%, it is $237.3380, -26.2956, -12.5744$.

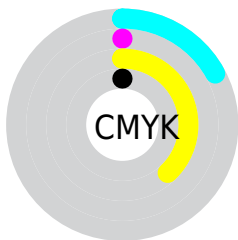
Distribution



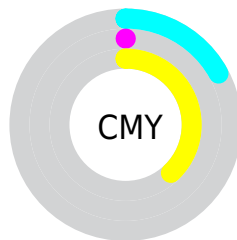
- Red (83%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.0850, -36.0309, -16.7375 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 231.0850, -36.0309, -16.7375 by changing the saturation by 10% instead.

■ 231.0850,
-36.0309, -16.7375

■ 231.0850,
-36.0309, -16.7375

255.0000, 0.0000,
0.0000

■ 202.6120,
-35.3047, -16.3227

■ 250.3260,
-17.9087, 4.0991

■ 174.8400,
-34.4311, -16.5227

■ 253.5180, -5.6784,
1.2997

■ 148.0680,
-33.5575, -16.7226

■ 121.2960,
-32.6839, -16.9226

■ 95.2960, -32.6839,
-16.9226

■ 69.8400, -34.4311,
-16.5227

■ 48.2770, -23.8006,

-19.5369

■ 27.5890, -13.6014,
-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 231.0850,
-36.0309, -16.7375

■ 231.0850,
-36.0309, -16.7375

■ 224.8320,
-45.7662, -20.9007

■ 237.3380,
-26.2956, -12.5744

■ 218.3940,
-54.9172, -25.7785

■ 243.7760,
-17.1446, -7.6966

■ 212.2550,
-64.2157, -30.0416

■ 250.0290, -7.4093,
-3.5334

■ 206.0020,
-73.9510, -34.2048

255.0000, 0.0000,
0.0000

■ 199.5640,
-83.1021, -39.0826

■ 193.3110,
-92.8373, -43.2457

■ 192.1430,
-94.7265, -43.9754

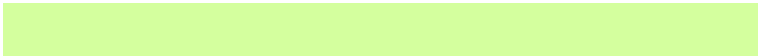
Harmonies

Analogous

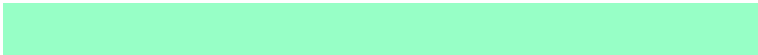
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.7860, -45.7435, 18.6047



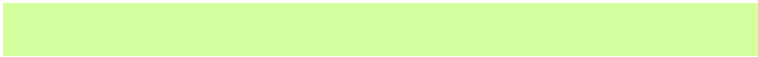
231.0850, -36.0309, -16.7375



217.4060, -9.5672, -58.2381

Triad

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



231.0850, -36.0309, -16.7375



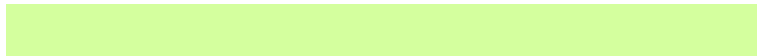
204.1700, 25.0592, -104.5121



221.4950, 6.1650, 29.3839

Complementary

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



231.0850, -36.0309, -16.7375



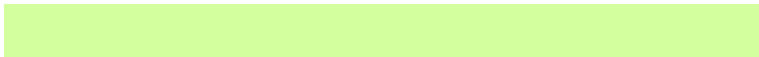
181.9150, 36.0309, 16.7375

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.



227.9980, 13.3120, 23.6808



231.0850, -36.0309, -16.7375



226.1290, 14.2334, -38.7011

Square

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



231.0850, -36.0309, -16.7375



178.7550, 37.5888, -156.7681



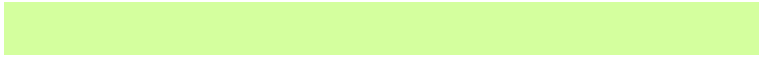
237.3900, 8.6817, 15.4440



219.5450, -16.5377, 31.0940

Rectangle

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



231.0850, -36.0309, -16.7375



206.5170, 12.0701, -91.6614



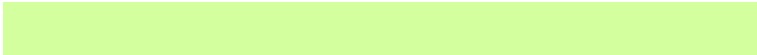
237.3900, 8.6817, 15.4440



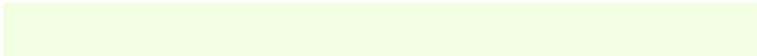
224.0200, 13.3011, 27.1695

Sweetspot

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



231.0850, -36.0309, -16.7375



248.2200, -10.4615, -4.5779



211.6570, -26.4529, 38.0118



123.6700, -6.2463, -3.2186



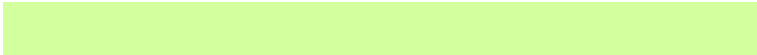
0.0000, 0.0000, 0.0000



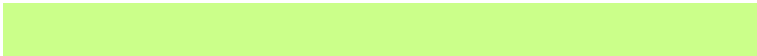
128.0000, 0.0000, 0.0000

Same Dimension

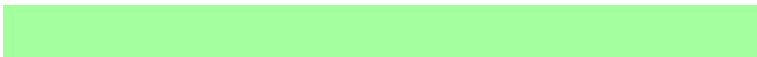
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.0850, -36.0309, -16.7375



226.1140, -43.4402, -20.2710



216.7330, -28.9554, -46.2468



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.



181.9150, 36.0309, 16.7375



166.8860, 43.4402, 20.2710



196.2670, 28.9554, 46.2468



117.9770, 4.9413, 1.7742



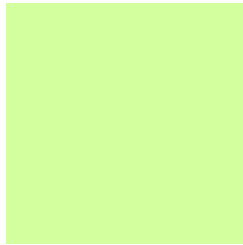
47.1890, 70.8988, 33.1602



15.6680, 23.8277, 10.8152

Previews

White Background



This preview shows how the YUV color 231.0850, -36.0309, -16.7375 looks on a white background.

Color Contrast Check

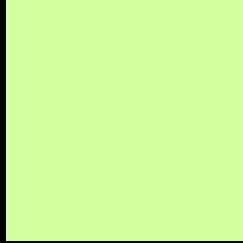
Large Text (above 18pt) WCAG AA × Fail

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 231.0850, -36.0309, -16.7375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

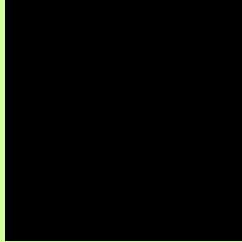
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

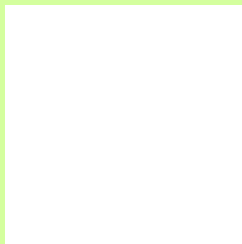
Any Text WCAG AAA ✓ Pass

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

YUV 231.0850, -36.0309, -16.7375 Background



This preview shows how black text looks on a background with the YUV color 231.0850, -36.0309, -16.7375.



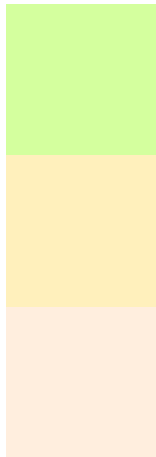
This preview shows how white text looks on a background with the YUV color 231.0850, -36.0309, -16.7375.

-16.7375.

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

231.0850, -36.0309, -16.7375

Protanopia

238.5570, -24.9246, 14.4205

Deuteranopia

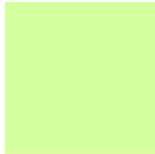
241.2590, -9.4947, 12.0509



Tritanopia

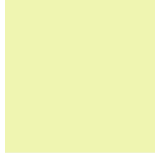
240.1930, 7.2999, -8.0623

Trichromacy



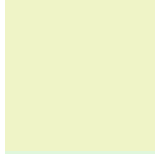
Original Color

231.0850, -36.0309, -16.7375



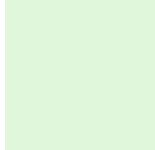
Protanomaly

235.4540, -28.8178, 3.1098



Deuteranomaly

237.3750, -18.9189, 1.4251



Tritanomaly

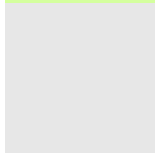
237.0450, -8.4032, -11.4405

Monochromacy



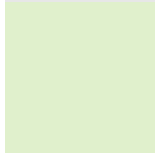
Original Color

231.0850, -36.0309, -16.7375



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.1120, -13.3662, -6.2372

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.0850, -36.0309, -16.7375 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(212, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 158)  
}
```

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(212, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 158) }
```

Border

The CSS property to change the border of an element to YUV 231.0850, -36.0309, -16.7375 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(212, 255, 158) }
```


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

```
.border{ border-color:rgb(212, 255, 158) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 231.0850, -36.0309, -16.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 158) }
```

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

```
.background{ background-color: rgb(212,  
255, 158) }
```

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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