

Converting Colors

YUV(231.1480, -28.1740,
-16.7928)

Have a look what the booklet for
YUV(231.1480, -28.1740, -16.7928)
contains.

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Color

**YUV(231.1480, -28.1740,
-16.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FCAE
RGB	212, 252, 174
RGB Percent	83%, 99%, 68%
CMY	0.1686, 0.0118, 0.3176
CMYK	0.16, 0.00, 0.31, 0.01
HSL	91°, 93%, 84%
HSV	91°, 31%, 99%
XYZ	69.6018, 86.6738, 53.1057
YIQ	231.1480, 1.1980, -32.7380

Conversions

Conversions Part 2

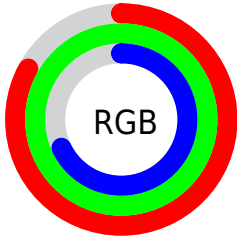
Format	Color
RYB	174, 252, 214
Decimal	13958318
CIELab	94.60, -26.05, 33.26
CIELCh	95, 42.244, 128.068
Yxy	86.6738, 0.3324, 0.4140
Android (android.graphics.Color)	4292148398 (0xFFD4FCAE)
YUV	231.1480, -28.1740, -16.7928
Hunter-Lab	93.0988, -29.4742, 31.3488

Details

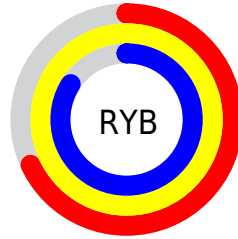
The YUV color $231.1480, -28.1740, -16.7928$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $194.8520, 28.1740, 16.7928$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, -10.9200, 2.4994$, and $174.9030, -26.5742, -16.5779$ is the 20% darker color. If you saturate the color by 10%, you get $224.4110, -37.1776, -22.2854$, and if you desaturate by 10%, it is $237.8850, -19.1703, -11.3001$.

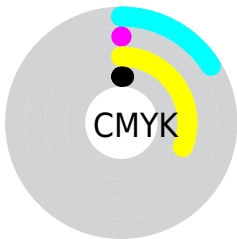
Distribution



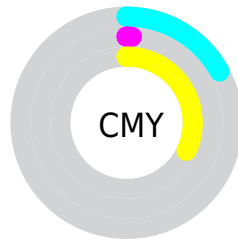
- Red (83%)
- Green (99%)
- Blue (68%)



- Red (68%)
- Yellow (99%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (17%)
- Magenta (1%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.1480, -28.1740, -16.7928 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 231.1480, -28.1740, -16.7928 by changing the saturation by 10% instead.

■ 231.1480,
-28.1740, -16.7928

■ 231.1480,
-28.1740, -16.7928

255.0000, 0.0000,
0.0000

■ 202.6750,
-27.4478, -16.3780

■ 252.1500,
-10.9200, 2.4994

■ 174.9030,
-26.5742, -16.5779

■ 148.3160,
-26.2848, -16.0631

■ 121.9570,
-25.1218, -15.7483

■ 96.7720, -24.5376,
-16.4630

■ 72.1850, -24.2482,
-15.9482

■ 48.0000, -23.6640,

-16.6630

■ 26.7250, -13.1754,
-20.8068

■ 14.6750, -7.2348,
-12.8700

■ 231.1480,
-28.1740, -16.7928

■ 231.1480,
-28.1740, -16.7928

■ 224.4110,
-37.1776, -22.2854

■ 237.8850,
-19.1703, -11.3001

■ 217.6740,
-46.1813, -27.7781

■ 244.6220,
-10.1666, -5.8075

■ 210.8230,
-55.6217, -33.1708

■ 251.4730, -0.7262,
-0.4148

■ 204.0860,
-64.6254, -38.6634

■ 253.2390, 0.8682,
1.5444

■ 197.3490,
-73.6291, -44.1561

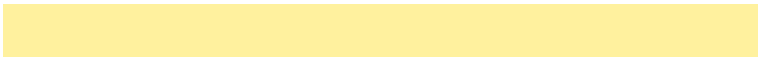
■ 190.6120,
-82.6327, -49.6487

■ 184.7010,
-91.0576, -54.1118

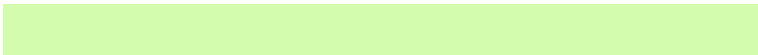
Harmonies

Analogous

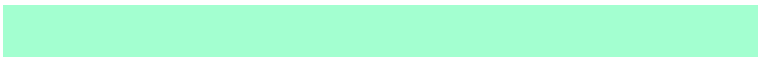
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.7240, -38.3179, 16.9051



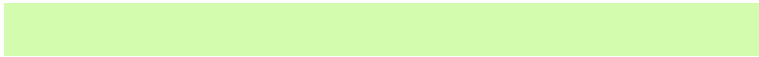
231.1480, -28.1740, -16.7928



222.1340, -6.9681, -51.8605

Triad

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



231.1480, -28.1740, -16.7928



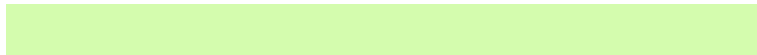
218.5550, 17.9674, -69.7697



225.1480, 2.3920, 26.1802

Complementary

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



231.1480, -28.1740, -16.7928



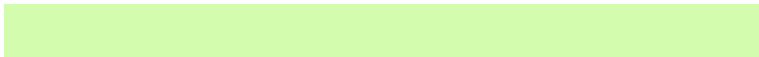
194.8520, 28.1740, 16.7928

Split Complementary

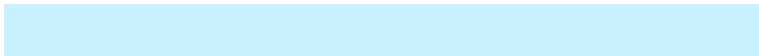
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3460, 12.1544, 21.6216



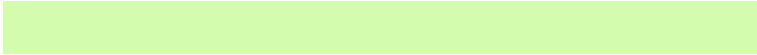
231.1480, -28.1740, -16.7928



230.0490, 12.3008, -25.4760

Square

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



231.1480, -28.1740, -16.7928



208.3560, 22.9955, -95.9052



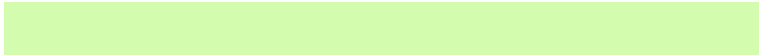
237.3900, 8.6817, 15.4440



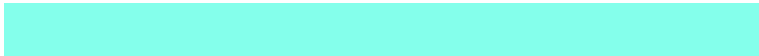
223.6370, -16.0900, 27.5054

Rectangle

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



231.1480, -28.1740, -16.7928



215.9430, 9.3951, -73.6180



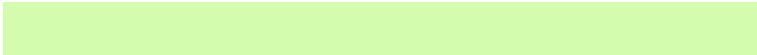
237.3900, 8.6817, 15.4440



226.7440, 8.5072, 24.7805

Sweetspot

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



231.1480, -28.1740, -16.7928



248.7900, -8.2775, -5.0778



220.2150, -22.7840, 27.8754



123.8980, -5.3727, -3.4185



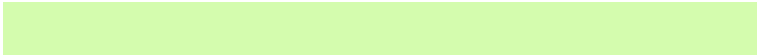
0.0000, 0.0000, 0.0000



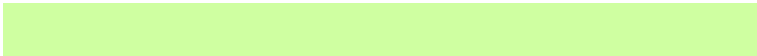
128.0000, 0.0000, 0.0000

Same Dimension

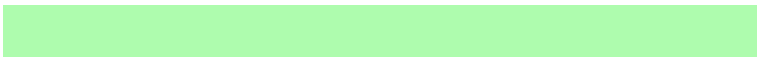
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.1480, -28.1740, -16.7928



229.9320, -33.9835, -20.1114



219.7860, -22.5725, -40.1543



121.7240, -4.7939, -2.3889



138.4510, -68.2563, -40.7375



44.7770, -22.0751, -12.9594

Inverse Universe

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



194.8520, 28.1740, 16.7928



186.0680, 33.9835, 20.1114



206.2140, 22.5725, 40.1543



115.5750, 4.6465, 3.0037



50.5490, 68.2563, 40.7375



16.2230, 22.0751, 12.9594

Previews

White Background



This preview shows how the YUV color 231.1480, -28.1740, -16.7928 looks on a white background.

Color Contrast Check

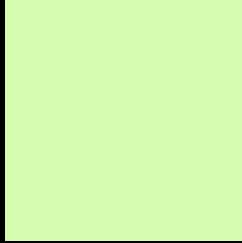
Large Text (above 18pt) WCAG AA × Fail

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 231.1480, -28.1740, -16.7928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

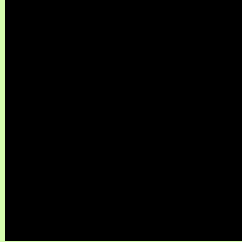
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

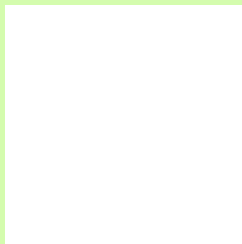
Any Text WCAG AAA ✓ Pass

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

YUV 231.1480, -28.1740, -16.7928 Background



This preview shows how black text looks on a background with the YUV color 231.1480, -28.1740, -16.7928.



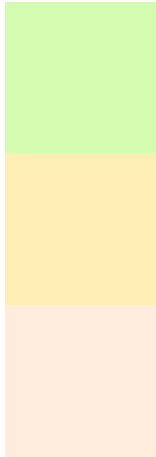
This preview shows how white text looks on a background with the YUV color 231.1480, -28.1740, -16.7928.

-16.7928.

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

231.1480, -28.1740, -16.7928

Protanopia

237.1720, -27.6928, 15.6352

Deuteranopia

239.8570, -9.7895, 13.2804



Tritanopia

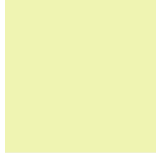
238.7090, 8.0315, -9.3918

Trichromacy



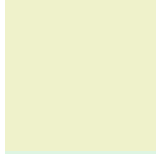
Original Color

231.1480, -28.1740, -16.7928



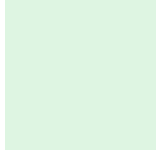
Protanomaly

234.9810, -28.0916, 3.5247



Deuteranomaly

236.6570, -16.5929, 2.0548



Tritanomaly

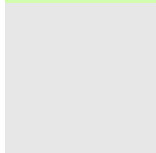
235.9570, -4.9088, -12.2403

Monochromacy



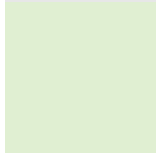
Original Color

231.1480, -28.1740, -16.7928



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.2090, -10.4560, -6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.1480, -28.1740, -16.7928 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, 252, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 252, 174)  
}
```

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, 252, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 252, 174) }
```

Border

The CSS property to change the border of an element to YUV 231.1480, -28.1740, -16.7928 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, 252, 174) }
```


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

```
.border{ border-color:rgb(212, 252, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 252, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 252, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 252, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 252,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 231.1480, -28.1740, -16.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 252, 174) }
```

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

```
.background{ background-color: rgb(212,  
252, 174) }
```

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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