

# Converting Colors

YUV(229.0220, -27.1258,  
-26.3293)

Have a look what the booklet for  
YUV(229.0220, -27.1258, -26.3293)  
contains.

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# Color

**YUV(229.0220, -27.1258,  
-26.3293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FFAE
RGB	199, 255, 174
RGB Percent	78%, 100%, 68%
CMY	0.2196, 0.0000, 0.3176
CMYK	0.22, 0.00, 0.32, 0.00
HSL	101°, 100%, 84%
HSV	101°, 32%, 100%
XYZ	66.9532, 86.7181, 53.2539
YIQ	229.0220, -7.3750, -37.0630

# Conversions

## Conversions Part 2

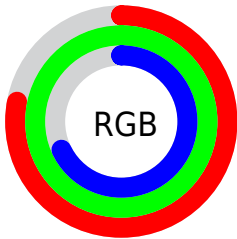
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 255, 230
Decimal	13107118
CIELab	94.62, -31.92, 33.14
CIELCh	95, 46.015, 133.921
Yxy	86.7181, 0.3236, 0.4191
Android (android.graphics.Color)	4291297198 (0xFFC7FFAE)
YUV	229.0220, -27.1258, -26.3293
Hunter-Lab	93.1226, -34.6267, 31.2797

# Details

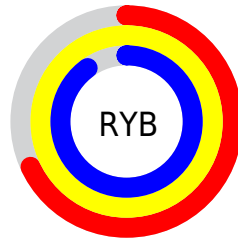
The YUV color  $229.0220, -27.1258, -26.3293$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $199.9780, 27.1258, 26.3293$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.1500, -10.9200, 2.4994$ , and  $173.0760, -25.6735, -25.4997$  is the 20% darker color. If you saturate the color by 10%, you get  $220.6760, -35.8293, -34.7959$ , and if you desaturate by 10%, it is  $237.3680, -18.4224, -17.8627$ .

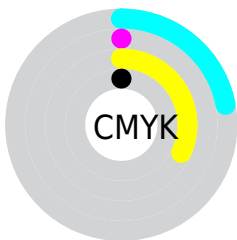
# Distribution



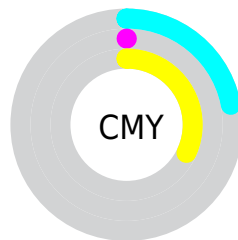
- Red (78%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.0220, -27.1258, -26.3293 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 229.0220, -27.1258, -26.3293 by changing the saturation by 10% instead.





 229.0220,  
-27.1258, -26.3293


 229.0220,  
-27.1258, -26.3293


255.0000, 0.0000,  
0.0000


 200.5490,  
-26.3997, -25.9145


 252.1500,  
-10.9200, 2.4994

 173.0760,  
-25.6735, -25.4997

 146.1900,  
-25.2367, -25.5996

 119.8310,  
-24.0737, -25.2848

 94.0590, -23.2001,  
-25.4847

 68.8740, -22.6159,  
-26.1995

 43.4930, -21.4420,

-29.3734

■ 27.0020, -13.3120,  
-23.6808

■ 14.6750, -7.2348,  
-12.8700

■ 229.0220,  
-27.1258, -26.3293

■ 229.0220,  
-27.1258, -26.3293

■ 220.6760,  
-35.8293, -34.7959

■ 237.3680,  
-18.4224, -17.8627

■ 212.7430,  
-44.2433, -42.7476

■ 245.3010,  
-10.0084, -9.9110

■ 204.5110,  
-52.5099, -51.3141

■ 253.6470, -1.3050,  
-1.4444

■ 196.1650,  
-61.2133, -59.7807

■ 255.0000, 0.0000,  
0.0000

■ 188.2320,  
-69.6274, -67.7325

■ 179.8860,  
-78.3308, -76.1990

■ 173.3060,  
-85.4399, -82.7064

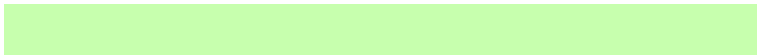
# Harmonies

## Analogous

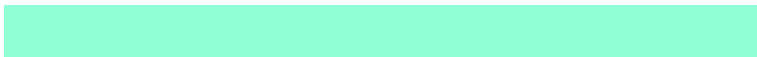
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.4200, -40.6331, 12.7867



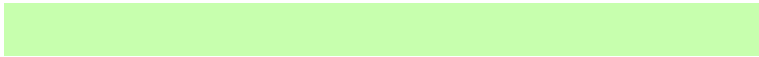
229.0220, -27.1258, -26.3293



217.0230, -1.9833, -64.0412

# Triad

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



229.0220, -27.1258, -26.3293



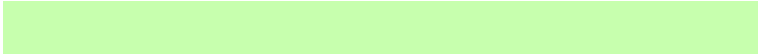
217.3700, 18.5516, -70.4845



222.2470, -1.1078, 28.7244

# Complementary

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



229.0220, -27.1258, -26.3293



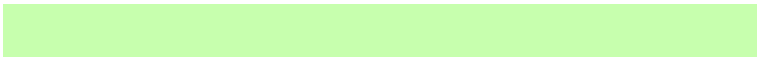
199.9780, 27.1258, 26.3293

# Split Complementary

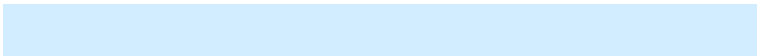
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.4110, 13.6014, 24.1956



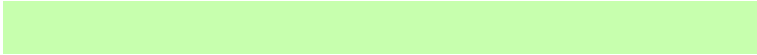
229.0220, -27.1258, -26.3293



230.9790, 11.8424, -18.3986

# Square

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



229.0220, -27.1258, -26.3293



201.1800, 26.5333, -110.6599



235.0420, 9.8393, 17.5032

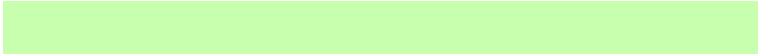


222.3830, -20.8948, 28.6051



# Rectangle

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



229.0220, -27.1258, -26.3293



209.1950, 17.1589, -90.5020



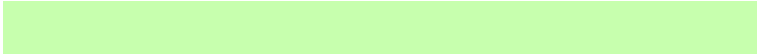
235.0420, 9.8393, 17.5032



223.3700, 5.7336, 27.7395

# Sweetspot

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



229.0220, -27.1258, -26.3293



246.7680, -8.2666, -8.5665



230.5040, -27.8565, 21.4830



122.8870, -5.3673, -5.1629



0.0000, 0.0000, 0.0000

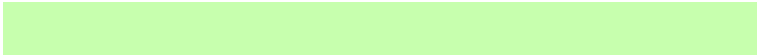


128.0000, 0.0000, 0.0000

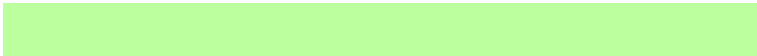


# Same Dimension

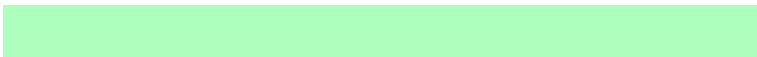
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0220, -27.1258, -26.3293



223.9090, -32.4931, -31.4922



223.2570, -16.8887, -43.1984



123.8270, -4.3517, -4.2333



129.7580, -63.9707, -62.0548



43.5480, -21.4692, -20.6516



# Inverse Universe

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



199.9780, 27.1258, 26.3293



189.0910, 32.4931, 31.4922



205.7430, 16.8887, 43.1984



119.1730, 4.3517, 4.2333



61.2420, 63.9707, 62.0548

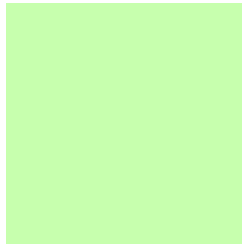


20.4520, 21.4692, 20.6516



# Previews

## White Background



This preview shows how the YUV color 229.0220, -27.1258, -26.3293 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 229.0220, -27.1258, -26.3293 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

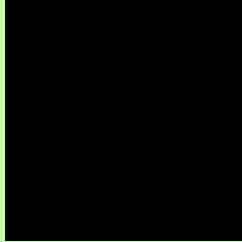
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

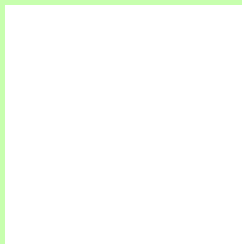
Any Text WCAG AAA ✓ Pass

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

# YUV 229.0220, -27.1258, -26.3293 Background



This preview shows how black text looks on a background with the YUV color 229.0220, -27.1258, -26.3293.



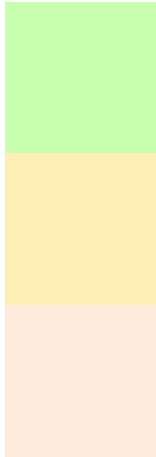
This preview shows how white text looks on a background with the YUV color 229.0220, -27.1258, -26.3293.

-26.3293.

# 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

229.0220, -27.1258, -26.3293

### Protanopia

237.0580, -28.1296, 15.7351

### Deuteranopia

239.2700, -9.5001, 13.7952



## Tritanopia

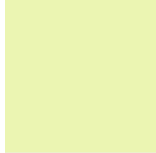
237.8010, 8.4791, -12.9805

# Trichromacy



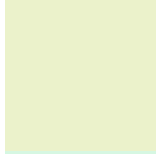
## Original Color

229.0220, -27.1258, -26.3293



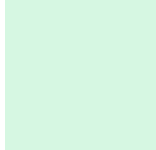
## Protanomaly

234.3720, -27.7914, 0.5508



## Deuteranomaly

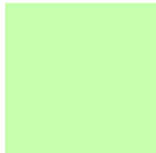
235.4610, -16.0033, -0.4043



## Tritanomaly

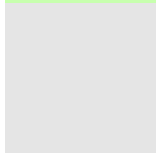
234.7390, -4.3083, -18.1881

# Monochromacy



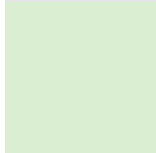
## Original Color

229.0220, -27.1258, -26.3293



## Achromatopsia

229.0000, 0.0000, 0.0000



## Achromatomaly

228.7140, -9.7190, -9.3962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.0220, -27.1258, -26.3293 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(199, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 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(199, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 174) }
```

## Border

The CSS property to change the border of an element to YUV 229.0220, -27.1258, -26.3293 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(199, 255, 174) }
```



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

```
.border{ border-color:rgb(199, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 229.0220, -27.1258, -26.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 174) }
```

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

```
.background{ background-color: rgb(199,  
255, 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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