

# Converting Colors

YUV(225.7230, -77.2644,  
1.9969)

Have a look what the booklet for  
YUV(225.7230, -77.2644, 1.9969)  
contains.

<b>YUV(225.7230, -77.2644, 1.9969)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(225.7230, -77.2644,  
1.9969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FF45
RGB	228, 255, 69
RGB Percent	89%, 100%, 27%
CMY	0.1059, 0.0000, 0.7294
CMYK	0.11, 0.00, 0.73, 0.00
HSL	69°, 100%, 64%
HSV	69°, 73%, 100%
XYZ	68.8291, 88.4437, 19.0739
YIQ	225.7230, 43.6140, -63.5700

# Conversions

## Conversions Part 2

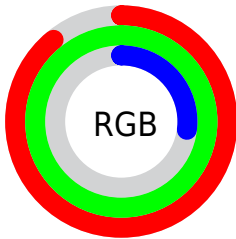
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 255, 96
Decimal	15007557
CIELab	95.35, -30.94, 80.07
CIELCh	95, 85.843, 111.129
Yxy	88.4437, 0.3903, 0.5015
Android (android.graphics.Color)	4293197637 (0xFFE4FF45)
YUV	225.7230, -77.2644, 1.9969
Hunter-Lab	94.0445, -33.9376, 53.8061

# Details

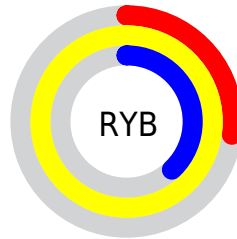
The YUV color **225.7230, -77.2644, 1.9969** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **98.2770, 77.2644, -1.9969**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6360, -55.0365, 12.5972**, and **166.7570, -82.2112, 1.9671** is the 20% darker color. If you saturate the color by 10%, you get **221.5630, -88.0316, 2.1372**, and if you desaturate by 10%, it is **229.7690, -66.9341, 1.9566**.

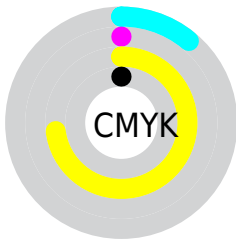
# Distribution



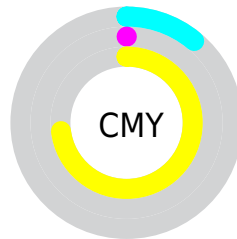
- Red (89%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.7230, -77.2644, 1.9969 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 225.7230, -77.2644, 1.9969 by changing the saturation by 10% instead.



225.7230,  
-77.2644, 1.9969

225.7230,  
-77.2644, 1.9969

255.0000, 0.0000,  
0.0000

195.5120,  
-80.6114, 2.1820

240.6360,  
-55.0365, 12.5972

166.7570,  
-82.2112, 1.9671

243.9420,  
-42.3694, 9.6979

141.9380,  
-69.9754, -2.5766

247.2480,  
-29.7023, 6.7985

118.3040,  
-58.3239, -6.4056

250.6680,  
-16.5983, 3.7992

94.6700, -46.6723,  
-10.2346

254.0880, -3.4944,  
0.7998

71.3240, -35.1627,  
-15.1931

48.2660, -23.7951,

-21.2813

■ 27.5890, -13.6014,  
-24.1956

■ 15.8490, -7.8136,  
-13.8996

■ 225.7230,  
-77.2644, 1.9969

■ 225.7230,  
-77.2644, 1.9969

■ 221.5630,  
-88.0316, 2.1372

■ 229.7690,  
-66.9341, 1.9566

■ 217.8160,  
-98.5093, 2.7924

■ 233.6300,  
-56.0196, 1.2015

■ 214.8670,  
-105.9294, 2.7476

■ 237.7900,  
-45.2525, 1.0612

■ 241.8360,  
-34.9221, 1.0208

■ 245.8820,  
-24.5918, 0.9805

■ 249.7430,  
-13.6773, 0.2254

■ 253.7890, -3.3470,  
0.1850

■ 255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



217.7360, -76.7778, 32.6805



225.7230, -77.2644, 1.9969



201.3960, -34.7052, -68.7533

# Triad

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



225.7230, -77.2644, 1.9969



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171

# Complementary

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



225.7230, -77.2644, 1.9969



98.2770, 77.2644, -1.9969

# 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.



219.1930, 17.6529, 31.4027



225.7230, -77.2644, 1.9969



178.7550, 37.5888, -156.7681

# Square

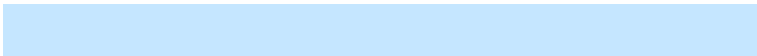
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.7230, -77.2644, 1.9969



178.7550, 37.5888, -156.7681



222.9830, 15.7844, -22.7871



195.5920, -4.2359, 52.1008



# Rectangle

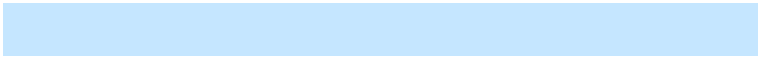
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.7230, -77.2644, 1.9969



170.7750, 7.0129, -149.7697



222.9830, 15.7844, -22.7871



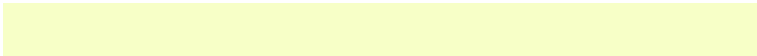
206.8660, 23.7301, 42.2135

# Sweetspot

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



225.7230, -77.2644, 1.9969



246.2240, -23.2814, 0.6806



139.2890, -34.6525, 101.4785



122.6290, -14.1141, 0.3254



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.



225.7230, -77.2644, 1.9969



219.5970, -92.9783, 2.1074



198.5140, -63.8504, -53.9478



125.9200, -5.3836, 0.0702



160.8540, -79.3010, 1.8820



53.7140, -26.4810, 0.2508



# Inverse Universe

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



98.2770, 77.2644, -1.9969



66.1040, 93.1257, -2.7222



125.4860, 63.8504, 53.9478



117.0800, 5.3836, -0.0702



30.1460, 79.3010, -1.8820

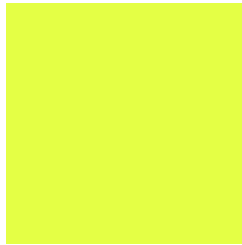


9.9870, 26.6284, -0.8656



# Previews

## White Background



This preview shows how the YUV color 225.7230, -77.2644, 1.9969 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

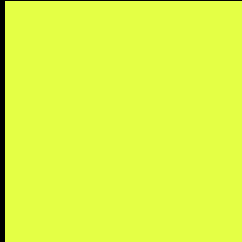
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.7230, -77.2644, 1.9969 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 225.7230, -77.2644, 1.9969

## Background



This preview shows how black text looks on a background with the YUV color 225.7230, -77.2644, 1.9969.



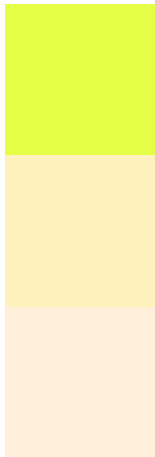
This preview shows how white text looks on a background with the YUV color 225.7230, -77.2644, 1.9969.



# 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

225.7230, -77.2644, 1.9969

### Protanopia

239.0300, -25.6508, 14.0057

### Deuteranopia

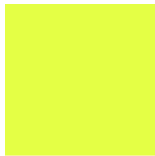
241.5040, -11.0945, 11.8360



## Tritanopia

242.3300, 6.2463, 3.2186

# Trichromacy



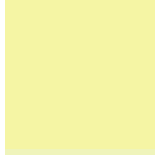
## Original Color

225.7230, -77.2644, 1.9969



## Protanomaly

234.0730, -44.4060, 9.5830



## Deuteranomaly

235.7660, -35.3806, 8.0982



## Tritanomaly

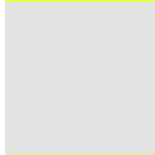
236.0070, -24.1605, 2.6249

# Monochromacy



## Original Color

225.7230, -77.2644, 1.9969



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.2580, -28.2282, 0.6507

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.7230, -77.2644, 1.9969 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(228, 255, 69)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 69)  
}
```

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(228, 255, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 69) }
```

## Border

The CSS property to change the border of an element to YUV 225.7230, -77.2644, 1.9969 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(228, 255, 69) }
```



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

```
.border{ border-color:rgb(228, 255, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 69);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
69) }
```

# Background

The CSS property to change the background color of an element to YUV 225.7230, -77.2644, 1.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 69) }
```

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

```
.background{ background-color: rgb(228,  
255, 69) }
```

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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