

Converting Colors

YUV(229.9390, -54.6929,
-4.3315)

Have a look what the booklet for
YUV(229.9390, -54.6929, -4.3315)
contains.

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Color

**YUV(229.9390, -54.6929,
-4.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FE77
RGB	225, 254, 119
RGB Percent	88%, 100%, 47%
CMY	0.1176, 0.0039, 0.5333
CMYK	0.11, 0.00, 0.53, 0.00
HSL	73°, 99%, 73%
HSV	73°, 53%, 100%
XYZ	69.8229, 88.2231, 30.8015
YIQ	229.9390, 26.0510, -48.1330

Conversions

Conversions Part 2

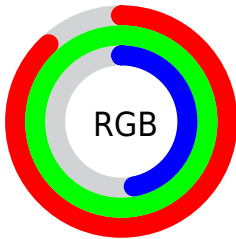
Format	Color
RYB	119, 254, 148
Decimal	14810743
CIELab	95.25, -28.39, 60.53
CIELCh	95, 66.857, 115.132
Yxy	88.2231, 0.3697, 0.4672
Android (android.graphics.Color)	4293000823 (0xFFE1FE77)
YUV	229.9390, -54.6929, -4.3315
Hunter-Lab	93.9271, -31.6804, 46.3061

Details

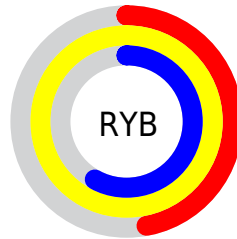
The YUV color $229.9390, -54.6929, -4.3315$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $143.0610, 54.6929, 4.3315$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7660, -35.3806, 8.0982$, and $172.8680, -53.6719, -5.1462$ is the 20% darker color. If you saturate the color by 10%, you get $225.5940, -64.8758, -4.9059$, and if you desaturate by 10%, it is $234.2840, -44.5100, -3.7571$.

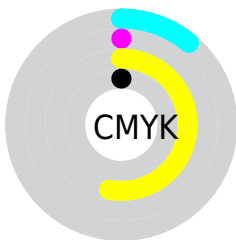
Distribution



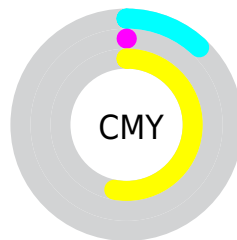
- Red (88%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.9390, -54.6929, -4.3315 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 229.9390, -54.6929, -4.3315 by changing the saturation by 10% instead.

■ 229.9390,
-54.6929, -4.3315

■ 229.9390,
-54.6929, -4.3315

255.0000, 0.0000,
0.0000

■ 201.1670,
-53.8193, -4.5315

■ 245.7660,
-35.3806, 8.0982

■ 172.8680,
-53.6719, -5.1462

■ 249.0720,
-22.7135, 5.1989

■ 145.3410,
-54.3981, -5.5611

■ 252.3780,
-10.0464, 2.2995

■ 117.4290,
-57.8925, -4.7612

■ 94.6810, -46.6777,
-8.4902

■ 72.2320, -35.6104,
-11.6045

■ 49.4730, -24.3902,

-17.0778

■ 27.0020, -13.3120,
-23.6808

■ 15.8490, -7.8136,
-13.8996

■ 229.9390,
-54.6929, -4.3315

■ 229.9390,
-54.6929, -4.3315

■ 225.5940,
-64.8758, -4.9059

■ 234.2840,
-44.5100, -3.7571

■ 220.8360,
-75.3481, -5.9952

■ 239.0420,
-34.0377, -2.6678

■ 216.4910,
-85.5311, -6.5696

■ 243.3870,
-23.8548, -2.0934

■ 211.7330,
-96.0034, -7.6588

■ 248.1450,
-13.3825, -1.0042

■ 208.5990,
-102.8393, -8.4183

■ 252.4900, -3.1996,
-0.4297

254.4130, 0.2894,
0.5148

Harmonies

Analogous

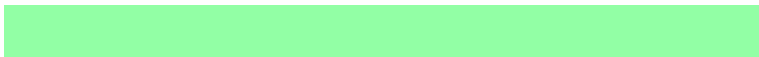
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.9150, -58.1321, 25.5075



229.9390, -54.6929, -4.3315



212.1490, -23.2445, -58.0127

Triad

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



229.9390, -54.6929, -4.3315



178.7550, 37.5888, -156.7681



215.0840, 19.6786, 35.0063

Complementary

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



229.9390, -54.6929, -4.3315



143.0610, 54.6929, 4.3315

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.



224.4760, 15.0483, 26.7695



229.9390, -54.6929, -4.3315



202.4200, 25.9219, -101.2233

Square

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



229.9390, -54.6929, -4.3315



178.7550, 37.5888, -156.7681



231.9640, 11.3567, -2.5994



210.0220, -9.8708, 39.4457

Rectangle

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



229.9390, -54.6929, -4.3315



190.5110, 7.6361, -116.2121



231.9640, 11.3567, -2.5994



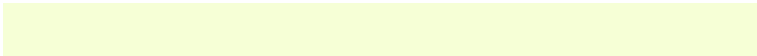
217.4320, 18.5210, 32.9471

Sweetspot

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



229.9390, -54.6929, -4.3315



247.6350, -16.5821, -1.4339



175.2140, -27.7135, 69.0953



123.3560, -10.0355, -1.1892



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.



229.9390, -54.6929, -4.3315



225.9530, -66.0388, -5.2208



210.5040, -45.1115, -44.2920



125.6210, -5.2362, -0.5446



156.9670, -77.3847, -6.1101



52.5180, -25.8914, -2.2083

Inverse Universe

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



143.0610, 54.6929, 4.3315



121.0470, 66.0388, 5.2208



162.7950, 44.9641, 44.9068



117.0800, 5.3836, -0.0702



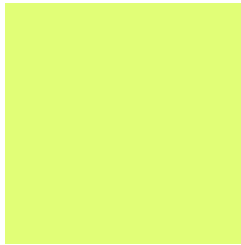
34.0330, 77.3847, 6.1101



11.4820, 25.8914, 2.2083

Previews

White Background



This preview shows how the YUV color 229.9390, -54.6929, -4.3315 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 229.9390, -54.6929, -4.3315 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 229.9390, -54.6929, -4.3315

Background



This preview shows how black text looks on a background with the YUV color 229.9390, -54.6929, -4.3315.



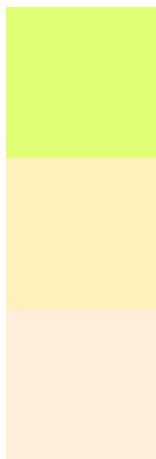
This preview shows how white text looks on a background with the YUV color 229.9390, -54.6929, -4.3315.

-4.3315.

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

229.9390, -54.6929, -4.3315

Protanopia

239.0300, -25.6508, 14.0057

Deuteranopia

241.0310, -10.3683, 12.2508



Tritanopia

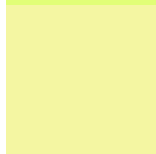
241.4220, 6.6940, -0.3701

Trichromacy



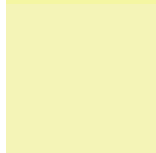
Original Color

229.9390, -54.6929, -4.3315



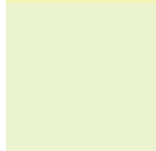
Protanomaly

235.8260, -36.3962, 7.1686



Deuteranomaly

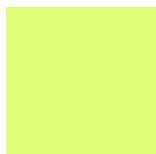
237.0460, -26.6447, 6.0987



Tritanomaly

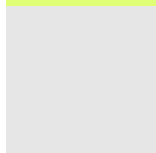
236.9770, -15.2717, -1.7338

Monochromacy



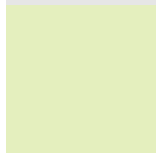
Original Color

229.9390, -54.6929, -4.3315



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

230.1250, -19.7816, -1.8636

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.9390, -54.6929, -4.3315 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(225, 254, 119)` looks like.

```
.text, #text, p{  
    color:rgb(225, 254, 119)  
}
```

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(225, 254, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 254, 119) }
```

Border

The CSS property to change the border of an element to YUV 229.9390, -54.6929, -4.3315 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(225, 254, 119) }
```


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

```
.border{ border-color:rgb(225, 254, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 254, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 254, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 254, 119);  
box-shadow:4px 4px 4px 4px rgb(225, 254,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 229.9390, -54.6929, -4.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 254, 119) }
```

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

```
.background{ background-color: rgb(225,  
254, 119) }
```

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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