

Converting Colors

YUV(228.2050, -54.8241,
-8.9498)

Have a look what the booklet for
YUV(228.2050, -54.8241, -8.9498)
contains.

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Color

**YUV(228.2050, -54.8241,
-8.9498)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DAFF75 |
| RGB | 218, 255, 117 |
| RGB Percent | 85%, 100%, 46% |
| CMY | 0.1451, 0.0000, 0.5412 |
| CMYK | 0.15, 0.00, 0.54, 0.00 |
| HSL | 76°, 100%, 73% |
| HSV | 76°, 54%, 100% |
| XYZ | 67.8843, 87.7098, 30.1814 |
| YIQ | 228.2050, 22.2460, -50.7620 |

Conversions

Conversions Part 2

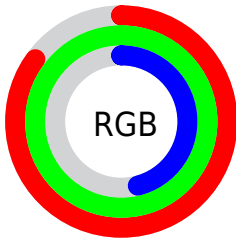
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 117, 255, 154 |
| Decimal | 14352245 |
| CIELab | 95.04, -31.68, 61.04 |
| CIElCh | 95, 68.772, 117.426 |
| Yxy | 87.7098, 0.3654, 0.4721 |
| Android (android.graphics.Color) | 4292542325 (0xFFDAFF75) |
| YUV | 228.2050, -54.8241, -8.9498 |
| Hunter-Lab | 93.6535, -34.5087, 46.4502 |

Details

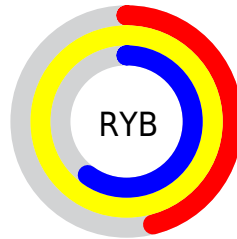
The YUV color **228.2050, -54.8241, -8.9498** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **143.7950, 54.8241, 8.9498**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5380, -36.2542, 8.2982**, and **171.1340, -53.8031, -9.7645** is the 20% darker color. If you saturate the color by 10%, you get **223.1480, -65.1490, -10.6538**, and if you desaturate by 10%, it is **233.2620, -44.4992, -7.2458**.

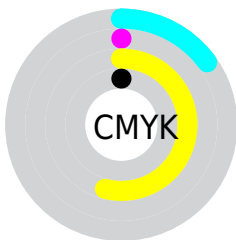
Distribution



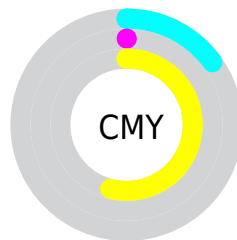
- Red (85%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2050, -54.8241, -8.9498 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 228.2050, -54.8241, -8.9498 by changing the saturation by 10% instead.

228.2050,
-54.8241, -8.9498

228.2050,
-54.8241, -8.9498

255.0000, 0.0000,
0.0000

199.4330,
-53.9505, -9.1497

245.5380,
-36.2542, 8.2982

171.1340,
-53.8031, -9.7645

248.8440,
-23.5871, 5.3988

143.4930,
-54.9660, -10.0794

252.1500,
-10.9200, 2.4994

115.9230,
-57.1500, -9.5795

92.5880, -45.6459,
-12.7937

69.8400, -34.4311,
-16.5227

47.3690, -23.3529,

-23.1256

■ 27.5890, -13.6014,
-24.1956

■ 15.2620, -7.5242,
-13.3848

■ 228.2050,
-54.8241, -8.9498

■ 228.2050,
-54.8241, -8.9498

■ 223.1480,
-65.1490, -10.6538

■ 233.2620,
-44.4992, -7.2458

■ 218.2050,
-75.0371, -12.4578

■ 238.2050,
-34.6111, -5.4418

■ 213.1480,
-85.3620, -14.1618

■ 243.2620,
-24.2862, -3.7378

■ 208.5040,
-95.3975, -15.3510

■ 247.9060,
-14.2507, -2.5486

■ 205.5980,
-101.3598, -16.3104

■ 252.8490, -4.3626,
-0.7446

255.0000, 0.0000,
0.0000

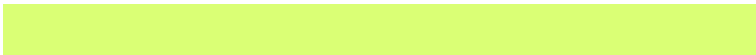
Harmonies

Analogous

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



225.9320, -60.6055, 25.4926



228.2050, -54.8241, -8.9498



208.3760, -20.8914, -66.1048

Triad

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



228.2050, -54.8241, -8.9498



178.7550, 37.5888, -156.7681



212.6390, 17.9260, 37.1506

Complementary

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



228.2050, -54.8241, -8.9498



143.7950, 54.8241, 8.9498

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.



222.7150, 15.9165, 28.3139



228.2050, -54.8241, -8.9498



203.3280, 25.4743, -97.6347

Square

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



228.2050, -54.8241, -8.9498



178.7550, 37.5888, -156.7681



231.9970, 11.3405, 2.6336



208.0500, -12.3496, 41.1752

Rectangle

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



228.2050, -54.8241, -8.9498



173.6250, 17.9329, -152.2691



231.9970, 11.3405, 2.6336



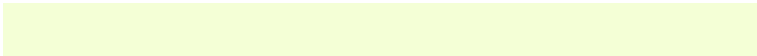
215.0840, 19.6786, 35.0063

Sweetspot

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



228.2050, -54.8241, -8.9498



247.0370, -16.2872, -2.6634



179.9810, -31.0496, 65.7917



123.0570, -9.8881, -1.8040



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.



228.2050, -54.8241, -8.9498



222.9200, -66.0226, -10.4538



207.5740, -44.6530, -51.3694



125.3220, -5.0887, -1.1594



153.9770, -75.9107, -12.2578



51.6210, -25.4492, -4.0526

Inverse Universe

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



143.7950, 54.8241, 8.9498



121.3790, 65.8752, 11.0686



164.4260, 44.6530, 51.3694



117.3790, 5.2362, 0.5446



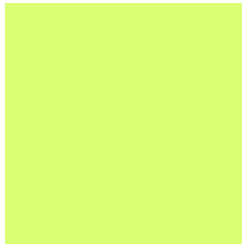
37.0230, 75.9107, 12.2578



12.3790, 25.4492, 4.0526

Previews

White Background



This preview shows how the YUV color 228.2050, -54.8241, -8.9498 looks on a white background.

Color Contrast Check

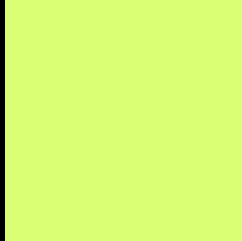
Large Text (above 18pt) WCAG AA × Fail

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 228.2050, -54.8241, -8.9498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

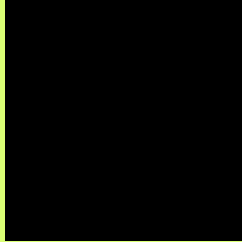
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.2050, -54.8241, -8.9498

Background



This preview shows how black text looks on a background with the YUV color 228.2050, -54.8241, -8.9498.



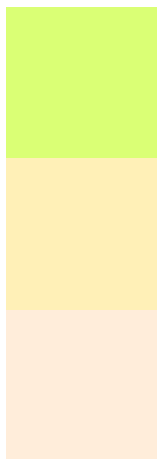
This preview shows how white text looks on a background with the YUV color 228.2050, -54.8241, -8.9498.

-8.9498.

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

228.2050, -54.8241, -8.9498

Protanopia

237.9870, -27.1086, 14.9204

Deuteranopia

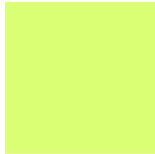
240.2160, -10.9525, 12.9656



Tritanopia

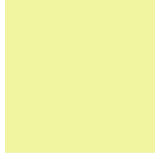
240.5140, 7.1416, -3.9588

Trichromacy



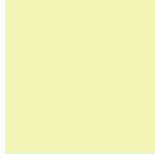
Original Color

228.2050, -54.8241, -8.9498



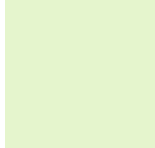
Protanomaly

234.2990, -37.1224, 6.7538



Deuteranomaly

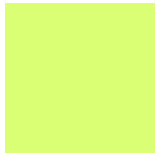
236.2200, -27.2235, 5.0691



Tritanomaly

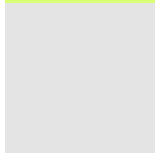
235.6560, -15.1134, -5.8373

Monochromacy



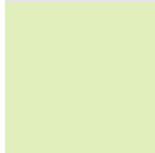
Original Color

228.2050, -54.8241, -8.9498



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.1140, -19.7762, -3.6080

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2050, -54.8241, -8.9498 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(218, 255, 117)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 117)  
}
```

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(218, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 117) }
```

Border

The CSS property to change the border of an element to YUV 228.2050, -54.8241, -8.9498 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(218, 255, 117) }
```


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

```
.border{ border-color:rgb(218, 255, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 117);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 228.2050, -54.8241, -8.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 117) }
```

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

```
.background{ background-color: rgb(218,  
255, 117) }
```

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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