

Converting Colors

YUV(228.7450, -60.5133,
-4.1614)

Have a look what the booklet for
YUV(228.7450, -60.5133, -4.1614)
contains.

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Color

**YUV(228.7450, -60.5133,
-4.1614)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FF6A
RGB	224, 255, 106
RGB Percent	88%, 100%, 42%
CMY	0.1216, 0.0000, 0.5843
CMYK	0.12, 0.00, 0.58, 0.00
HSL	72°, 100%, 71%
HSV	72°, 58%, 100%
XYZ	69.1020, 88.4079, 27.0580
YIQ	228.7450, 29.3530, -52.9110

Conversions

Conversions Part 2

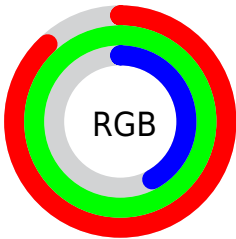
Format	Color
RYB	106, 255, 137
Decimal	14745450
CIELab	95.33, -30.29, 66.21
CIELCh	95, 72.810, 114.581
Yxy	88.4079, 0.3744, 0.4790
Android (android.graphics.Color)	4292935530 (0xFFE0FF6A)
YUV	228.7450, -60.5133, -4.1614
Hunter-Lab	94.0255, -33.3599, 48.7557

Details

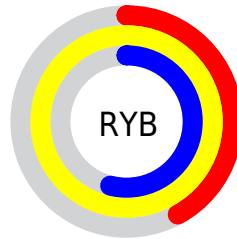
The YUV color **228.7450, -60.5133, -4.1614** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **132.2550, 60.5133, 4.1614**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.3980, -40.6222, 9.2980**, and **171.3320, -60.8027, -4.6762** is the 20% darker color. If you saturate the color by 10%, you get **224.4000, -70.6962, -4.7358**, and if you desaturate by 10%, it is **233.2040, -49.8936, -3.6869**.

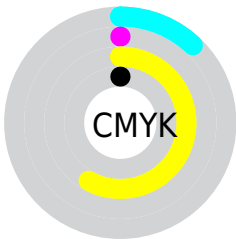
Distribution



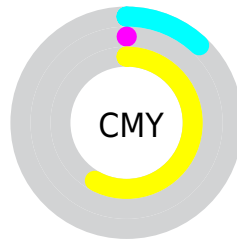
- Red (88%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7450, -60.5133, -4.1614 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 228.7450, -60.5133, -4.1614 by changing the saturation by 10% instead.

228.7450,
-60.5133, -4.1614

228.7450,
-60.5133, -4.1614

255.0000, 0.0000,
0.0000

199.8590,
-60.0765, -4.2613

244.3980,
-40.6222, 9.2980

171.3320,
-60.8027, -4.6762

247.5900,
-28.3919, 6.4986

142.3230,
-67.2072, -3.7913

250.8960,
-15.7247, 3.5992

117.4180,
-57.8871, -6.5056

254.3160, -2.6208,
0.5999

94.3710, -46.5249,
-10.8494

71.6230, -35.3101,
-14.5784

48.8640, -24.0900,

-20.0517

■ 27.5890, -13.6014,
-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 228.7450,
-60.5133, -4.1614

■ 228.7450,
-60.5133, -4.1614

■ 224.4000,
-70.6962, -4.7358

■ 233.2040,
-49.8936, -3.6869

■ 219.6420,
-81.1685, -5.8250

■ 237.8480,
-39.8581, -2.4977

■ 215.2970,
-91.3514, -6.3995

■ 242.3070,
-29.2384, -2.0232

■ 210.8380,
-101.9711, -6.8739

■ 246.6520,
-19.0554, -1.4488

■ 210.0830,
-103.5709, -7.0888

■ 251.4100, -8.5831,
-0.3596

255.0000, 0.0000,
0.0000

Harmonies

Analogous

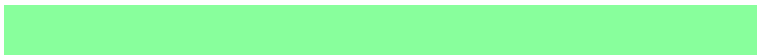
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.8460, -63.5211, 27.3221



228.7450, -60.5133, -4.1614



208.1330, -25.7016, -63.2606

Triad

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



228.7450, -60.5133, -4.1614



178.7550, 37.5888, -156.7681



211.5620, 21.4149, 38.0951

Complementary

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



228.7450, -60.5133, -4.1614



132.2550, 60.5133, 4.1614

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



228.7450, -60.5133, -4.1614



177.5810, 38.1676, -155.7385

Square

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



228.7450, -60.5133, -4.1614



178.7550, 37.5888, -156.7681



229.8820, 12.3832, -5.1585



206.1580, -9.4449, 42.8344

Rectangle

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



228.7450, -60.5133, -4.1614



172.7130, 14.4385, -151.4693



229.8820, 12.3832, -5.1585



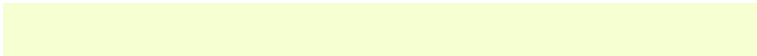
213.9100, 20.2574, 36.0359

Sweetspot

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



228.7450, -60.5133, -4.1614



246.7660, -18.6186, -1.5488



168.1610, -30.6454, 76.1578



122.9000, -11.7827, -0.7893



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.



228.7450, -60.5133, -4.1614



223.6450, -72.2960, -4.9507



206.9180, -49.7526, -49.0401



125.6210, -5.2362, -0.5446



157.2660, -77.5321, -5.4953



52.5180, -25.8914, -2.2083

Inverse Universe

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



132.2550, 60.5133, 4.1614



108.3550, 72.2960, 4.9507



154.0820, 49.7526, 49.0401



117.0800, 5.3836, -0.0702



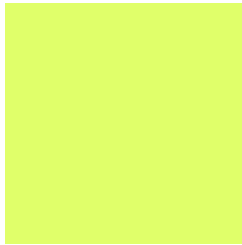
33.7340, 77.5321, 5.4953



11.1830, 26.0388, 1.5935

Previews

White Background



This preview shows how the YUV color 228.7450, -60.5133, -4.1614 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 228.7450, -60.5133, -4.1614 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 228.7450, -60.5133, -4.1614 Background



This preview shows how black text looks on a background with the YUV color 228.7450, -60.5133, -4.1614.



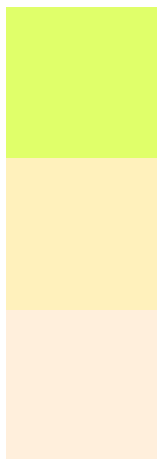
This preview shows how white text looks on a background with the YUV color 228.7450, -60.5133, -4.1614.

-4.1614.

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

228.7450, -60.5133, -4.1614

Protanopia

239.1440, -25.2140, 13.9057

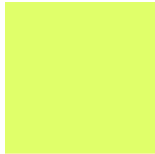
Deuteranopia

241.6180, -10.6577, 11.7360

Tritanopia

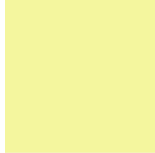
242.0090, 6.4046, -0.8849

Trichromacy



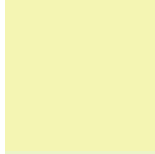
Original Color

228.7450, -60.5133, -4.1614



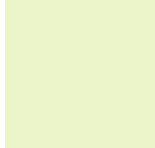
Protanomaly

235.3700, -38.1434, 7.5685



Deuteranomaly

237.1770, -28.6813, 5.9838



Tritanomaly

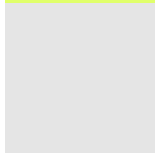
236.9940, -17.7450, -1.7487

Monochromacy



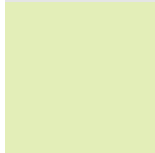
Original Color

228.7450, -60.5133, -4.1614



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.5550, -21.9656, -1.3637

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7450, -60.5133, -4.1614 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(224, 255, 106)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 106)  
}
```

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(224, 255, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 106) }
```

Border

The CSS property to change the border of an element to YUV 228.7450, -60.5133, -4.1614 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(224, 255, 106) }
```


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

```
.border{ border-color:rgb(224, 255, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 106);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 228.7450, -60.5133, -4.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 106) }
```

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

```
.background{ background-color: rgb(224,  
255, 106) }
```

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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