

Converting Colors

YUV(228.4140, -61.8291,
-2.1171)

Have a look what the booklet for
YUV(228.4140, -61.8291, -2.1171)
contains.

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Color

**YUV(228.4140, -61.8291,
-2.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FE67
RGB	226, 254, 103
RGB Percent	89%, 100%, 40%
CMY	0.1137, 0.0039, 0.5961
CMYK	0.11, 0.00, 0.59, 0.00
HSL	71°, 99%, 70%
HSV	71°, 59%, 100%
XYZ	69.2540, 88.0316, 26.1737
YIQ	228.4140, 31.7830, -52.8970

Conversions

Conversions Part 2

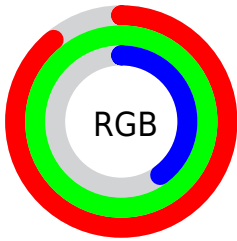
Format	Color
RYB	103, 254, 131
Decimal	14876263
CIELab	95.17, -29.28, 67.32
CIELCh	95, 73.414, 113.502
Yxy	88.0316, 0.3775, 0.4798
Android (android.graphics.Color)	4293066343 (0xFFE2FE67)
YUV	228.4140, -61.8291, -2.1171
Hunter-Lab	93.8252, -32.4401, 49.1379

Details

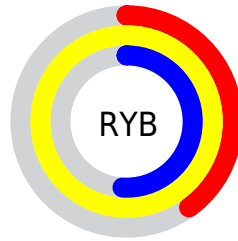
The YUV color **228.4140, -61.8291, -2.1171** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **128.5860, 61.8291, 2.1171**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0560, -41.9326, 9.5979**, and **171.0010, -62.1185, -2.6319** is the 20% darker color. If you saturate the color by 10%, you get **224.0690, -72.0120, -2.6915**, and if you desaturate by 10%, it is **232.7590, -51.6462, -1.5426**.

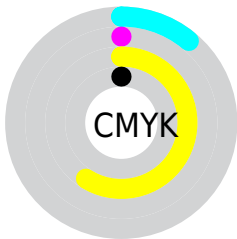
Distribution



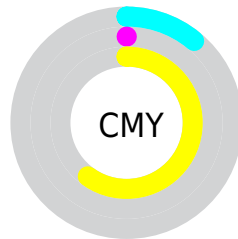
- Red (89%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4140, -61.8291, -2.1171 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 228.4140, -61.8291, -2.1171 by changing the saturation by 10% instead.

228.4140,
-61.8291, -2.1171

228.4140,
-61.8291, -2.1171

255.0000, 0.0000,
0.0000

199.5280,
-61.3923, -2.2171

244.0560,
-41.9326, 9.5979

171.0010,
-62.1185, -2.6319

247.3620,
-29.2655, 6.6985

141.3510,
-69.6860, -2.0618

250.5540,
-17.0351, 3.8991

117.7170,
-58.0345, -5.8908

253.9740, -3.9312,
0.8998

94.3820, -46.5303,
-9.1050

71.6340, -35.3156,
-12.8340

48.8750, -24.0954,

-18.3074

■ 27.0020, -13.3120,
-23.6808

■ 15.8490, -7.8136,
-13.8996

■ 228.4140,
-61.8291, -2.1171

■ 228.4140,
-61.8291, -2.1171

■ 224.0690,
-72.0120, -2.6915

■ 232.7590,
-51.6462, -1.5426

■ 219.9090,
-82.7791, -2.5512

■ 236.9190,
-40.8791, -1.6830

■ 215.5640,
-92.9621, -3.1256

■ 241.2640,
-30.6962, -1.1085

■ 211.1050,
-103.5818, -3.6001

■ 245.7230,
-20.0764, -0.6341

■ 210.9910,
-104.0186, -3.5001

■ 250.0680, -9.8935,
-0.0596

254.1140, 0.4368,
-0.1000

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.



223.0310, -64.1053, 28.0368



228.4140, -61.8291, -2.1171



208.3890, -27.3068, -61.7312

Triad

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



228.4140, -61.8291, -2.1171



178.7550, 37.5888, -156.7681



210.9750, 21.7043, 38.6099

Complementary

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



228.4140, -61.8291, -2.1171



128.5860, 61.8291, 2.1171

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



228.4140, -61.8291, -2.1171



178.1680, 37.8782, -156.2533

Square

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



228.4140, -61.8291, -2.1171



178.7550, 37.5888, -156.7681



228.9740, 12.8308, -8.7472



205.0980, -8.4293, 43.7641

Rectangle

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



228.4140, -61.8291, -2.1171



172.2570, 12.6913, -151.0694



228.9740, 12.8308, -8.7472



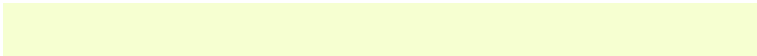
213.9100, 20.2574, 36.0359

Sweetspot

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



228.4140, -61.8291, -2.1171



247.0650, -18.7660, -0.9340



164.5850, -30.3614, 78.4170



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.



228.4140, -61.8291, -2.1171



224.2000, -74.0486, -2.8064



205.9890, -50.7736, -48.2254



125.6210, -5.2362, -0.5446



158.7610, -78.2692, -2.4214



53.1160, -26.1862, -0.9787

Inverse Universe

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



128.5860, 61.8291, 2.1171



104.8000, 74.0486, 2.8064



151.0110, 50.7736, 48.2254



117.0800, 5.3836, -0.0702



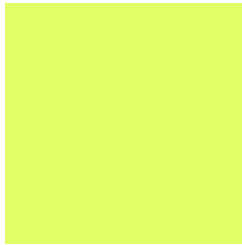
32.2390, 78.2692, 2.4214



10.8840, 26.1862, 0.9787

Previews

White Background



This preview shows how the YUV color 228.4140, -61.8291, -2.1171 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 228.4140, -61.8291, -2.1171 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 228.4140, -61.8291, -2.1171 Background



This preview shows how black text looks on a background with the YUV color 228.4140, -61.8291, -2.1171.



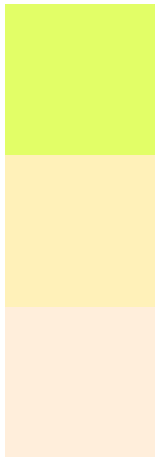
This preview shows how white text looks on a background with the YUV color 228.4140, -61.8291, -2.1171.

-2.1171.

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

228.4140, -61.8291, -2.1171

Protanopia

238.8020, -26.5244, 14.2056

Deuteranopia

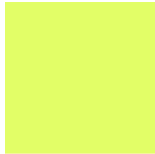
240.9170, -10.8051, 12.3508



Tritanopia

242.0200, 6.3991, 0.8595

Trichromacy



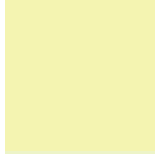
Original Color

228.4140, -61.8291, -2.1171



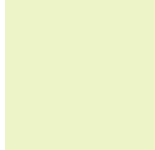
Protanomaly

235.0280, -39.4538, 7.8684



Deuteranomaly

236.3620, -29.2655, 6.6985



Tritanomaly

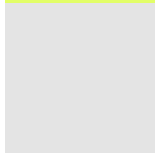
236.8910, -18.1873, 0.0956

Monochromacy



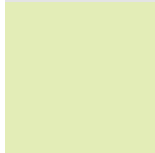
Original Color

228.4140, -61.8291, -2.1171



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.8540, -22.1130, -0.7490

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4140, -61.8291, -2.1171 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(226, 254, 103)` looks like.

```
.text, #text, p{  
    color:rgb(226, 254, 103)  
}
```

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(226, 254, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 254, 103) }
```

Border

The CSS property to change the border of an element to YUV 228.4140, -61.8291, -2.1171 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(226, 254, 103) }
```


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

```
.border{ border-color:rgb(226, 254, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 254, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 254, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 254, 103);  
box-shadow:4px 4px 4px 4px rgb(226, 254,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 228.4140, -61.8291, -2.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 254, 103) }
```

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

```
.background{ background-color: rgb(226,  
254, 103) }
```

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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