

Converting Colors

YUV(229.2920, -53.3880,
-2.8871)

Have a look what the booklet for
YUV(229.2920, -53.3880, -2.8871)
contains.

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Color

**YUV(229.2920, -53.3880,
-2.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FC79
RGB	226, 252, 121
RGB Percent	89%, 99%, 47%
CMY	0.1137, 0.0118, 0.5255
CMYK	0.10, 0.00, 0.52, 0.01
HSL	72°, 96%, 73%
HSV	72°, 52%, 99%
XYZ	69.6256, 87.1700, 31.2450
YIQ	229.2920, 26.5550, -46.2530

Conversions

Conversions Part 2

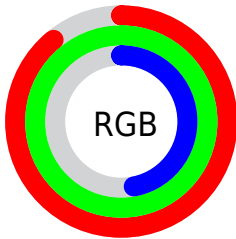
Format	Color
RYB	121, 252, 147
Decimal	14875769
CIELab	94.81, -26.90, 59.13
CIELCh	95, 64.967, 114.464
Yxy	87.1700, 0.3703, 0.4636
Android (android.graphics.Color)	4293065849 (0xFFE2FC79)
YUV	229.2920, -53.3880, -2.8871
Hunter-Lab	93.3649, -30.2746, 45.5137

Details

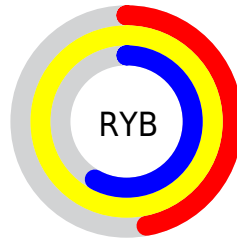
The YUV color **229.2920, -53.3880, -2.8871** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **143.7080, 53.3880, 2.8871**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.9940, -34.5070, 7.8983**, and **172.3350, -51.9302, -3.8018** is the 20% darker color. If you saturate the color by 10%, you get **224.9470, -63.5709, -3.4615**, and if you desaturate by 10%, it is **233.6370, -43.2050, -2.3126**.

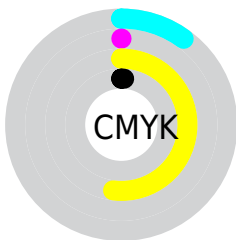
Distribution



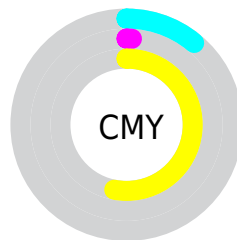
- Red (89%)
- Green (99%)
- Blue (47%)



- Red (47%)
- Yellow (99%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (52%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2920, -53.3880, -2.8871 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 229.2920, -53.3880, -2.8871 by changing the saturation by 10% instead.

229.2920,
-53.3880, -2.8871

229.2920,
-53.3880, -2.8871

255.0000, 0.0000,
0.0000

200.5200,
-52.5144, -3.0870

245.9940,
-34.5070, 7.8983

172.3350,
-51.9302, -3.8018

249.3000,
-21.8399, 4.9989

144.8080,
-52.6563, -4.2166

252.6060, -9.1728,
2.0995

117.1410,
-57.7505, -3.6317

93.8060, -46.2464,
-6.8459

71.3570, -35.1790,
-9.9601

49.4840, -24.3956,

-15.3335

■ 27.0130, -13.3174,
-21.9364

■ 14.6750, -7.2348,
-12.8700

■ 229.2920,
-53.3880, -2.8871

■ 229.2920,
-53.3880, -2.8871

■ 224.9470,
-63.5709, -3.4615

■ 233.6370,
-43.2050, -2.3126

■ 220.6020,
-73.7538, -4.0360

■ 237.9820,
-33.0221, -1.7382

■ 216.1430,
-84.3735, -4.5104

■ 242.4410,
-22.4024, -1.2638

■ 211.7980,
-94.5564, -5.0848

■ 246.7860,
-12.2195, -0.6893

■ 208.3220,
-102.7027, -5.5444

■ 251.1310, -2.0366,
-0.1149

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

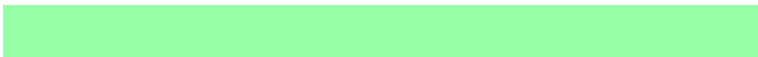
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.7840, -56.0955, 25.6224



229.2920, -53.3880, -2.8871



213.2310, -24.2709, -55.4536

Triad

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



229.2920, -53.3880, -2.8871



178.7550, 37.5888, -156.7681



215.5570, 18.9524, 34.5915

Complementary

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



229.2920, -53.3880, -2.8871



143.7080, 53.3880, 2.8871

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.



225.0630, 14.7589, 26.2547



229.2920, -53.3880, -2.8871



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.



229.2920, -53.3880, -2.8871



178.7550, 37.5888, -156.7681



230.4800, 12.0884, -3.9290



210.1360, -9.4340, 39.3457

Rectangle

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



229.2920, -53.3880, -2.8871



194.7680, 4.5514, -106.7905



230.4800, 12.0884, -3.9290



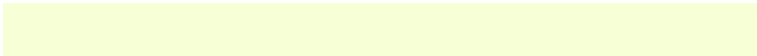
218.0190, 18.2316, 32.4323

Sweetspot

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



229.2920, -53.3880, -2.8871



247.9340, -16.7295, -0.8191



174.2570, -26.2557, 68.1806



123.6550, -10.1829, -0.5744



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.



229.2920, -53.3880, -2.8871



227.7190, -64.4445, -3.2616



210.1560, -43.9539, -42.2328



122.6210, -5.2362, -0.5446



156.0920, -76.9534, -4.4657



50.4580, -24.8758, -1.2787

Inverse Universe

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



143.7080, 53.3880, 2.8871



124.2810, 64.4445, 3.2616



162.8440, 43.9539, 42.2328



114.3790, 5.2362, 0.5446



32.6090, 77.1008, 3.8509



10.5420, 24.8758, 1.2787

Previews

White Background



This preview shows how the YUV color 229.2920, -53.3880, -2.8871 looks on a white background.

Color Contrast Check

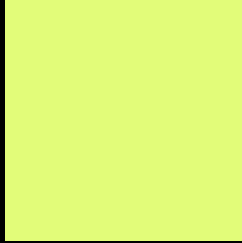
Large Text (above 18pt) WCAG AA × Fail

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 229.2920, -53.3880, -2.8871 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 229.2920, -53.3880, -2.8871 Background



This preview shows how black text looks on a background with the YUV color 229.2920, -53.3880, -2.8871.



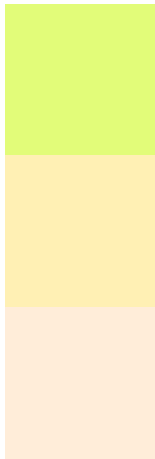
This preview shows how white text looks on a background with the YUV color 229.2920, -53.3880, -2.8871.

-2.8871.

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

229.2920, -53.3880, -2.8871

Protanopia

237.6450, -28.4190, 15.2203

Deuteranopia

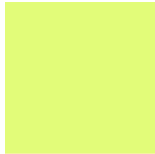
240.1020, -11.3893, 13.0655



Tritanopia

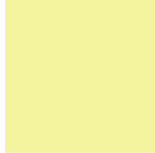
240.5470, 7.1253, 1.2743

Trichromacy



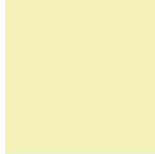
Original Color

229.2920, -53.3880, -2.8871



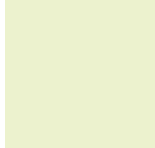
Protanomaly

234.3100, -37.1278, 8.4981



Deuteranomaly

235.7580, -26.5027, 7.2282



Tritanomaly

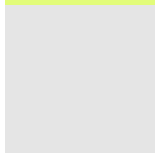
236.1020, -14.8403, -0.0895

Monochromacy



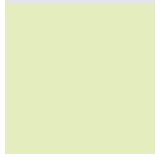
Original Color

229.2920, -53.3880, -2.8871



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.9510, -19.2028, -0.8340

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2920, -53.3880, -2.8871 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, 252, 121)` looks like.

```
.text, #text, p{  
    color:rgb(226, 252, 121)  
}
```

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, 252, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 252, 121) }
```

Border

The CSS property to change the border of an element to YUV 229.2920, -53.3880, -2.8871 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, 252, 121) }
```


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

```
.border{ border-color:rgb(226, 252, 121) }
```

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

Here you see how a box with a 4 pixel rgb(226, 252, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 252, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 252, 121);  
box-shadow:4px 4px 4px 4px rgb(226, 252,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 229.2920, -53.3880, -2.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 252, 121) }
```

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

```
.background{ background-color: rgb(226,  
252, 121) }
```

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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