

Converting Colors

YUV(216.0270, -61.6383,
-16.6867)

Have a look what the booklet for
YUV(216.0270, -61.6383, -16.6867)
contains.

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Color

**YUV(216.0270, -61.6383,
-16.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FA5B
RGB	197, 250, 91
RGB Percent	77%, 98%, 36%
CMY	0.2275, 0.0196, 0.6431
CMYK	0.21, 0.00, 0.64, 0.02
HSL	80°, 94%, 67%
HSV	80°, 64%, 98%
XYZ	59.0999, 80.9969, 22.4166
YIQ	216.0270, 19.4510, -60.6850

Conversions

Conversions Part 2

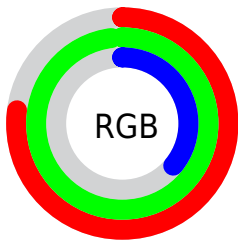
Format	Color
RYB	91, 250, 144
Decimal	12974683
CIELab	92.13, -39.32, 68.34
CIELCh	92, 78.839, 119.914
Yxy	80.9969, 0.3637, 0.4984
Android (android.graphics.Color)	4291164763 (0xFFC5FA5B)
YUV	216.0270, -61.6383, -16.6867
Hunter-Lab	89.9983, -40.2799, 48.2309

Details

The YUV color **216.0270, -61.6383, -16.6867** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **124.9730, 61.6383, 16.6867**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6880, -47.1742, 10.7976**, and **158.0440, -64.1117, -16.7016** is the 20% darker color. If you saturate the color by 10%, you get **210.7850, -71.3790, -19.1054**, and if you desaturate by 10%, it is **221.2690, -51.8976, -14.2679**.

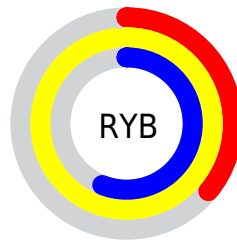
Distribution



Red (77%)

Green (98%)

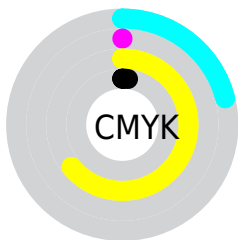
Blue (36%)



Red (36%)

Yellow (98%)

Blue (56%)

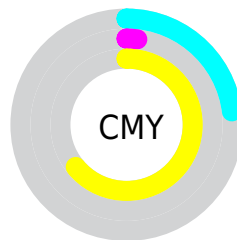


Cyan (21%)

Magenta (0%)

Yellow (64%)

Black (2%)



Cyan (23%)

Magenta (2%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0270, -61.6383, -16.6867 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 216.0270, -61.6383, -16.6867 by changing the saturation by 10% instead.

216.0270,
-61.6383, -16.6867

216.0270,
-61.6383, -16.6867

255.0000, 0.0000,
0.0000

187.0270,
-61.6383, -16.6867

242.6880,
-47.1742, 10.7976

158.0440,
-64.1117, -16.7016

245.9940,
-34.5070, 7.8983

130.6310,
-64.4011, -17.2164

249.3000,
-21.8399, 4.9989

106.4100,
-52.4601, -20.5306

252.6060, -9.1728,
2.0995

83.0640, -40.9506,
-25.4891

58.5220, -28.8513,
-32.9068

38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 8.2180, -4.0515,
-7.2072

■ 216.0270,
-61.6383, -16.6867

■ 216.0270,
-61.6383, -16.6867

■ 210.7850,
-71.3790, -19.1054

■ 221.2690,
-51.8976, -14.2679

■ 205.2440,
-80.9723, -22.1390

■ 226.8100,
-42.3043, -11.2344

■ 200.0020,
-90.7130, -24.5578

■ 232.0520,
-32.5636, -8.8156

■ 196.6830,
-96.9647, -26.0320

■ 237.2940,
-22.8229, -6.3968

■ 242.8350,
-13.2297, -3.3633

■ 248.0770, -3.4890,
-0.9445

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



218.3060, -74.5939, 32.1806



216.0270, -61.6383, -16.6867



192.5420, -19.4942, -94.3143

Triad

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



216.0270, -61.6383, -16.6867



178.7550, 37.5888, -156.7681



198.8300, 18.3248, 49.2611

Complementary

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



216.0270, -61.6383, -16.6867



124.9730, 61.6383, 16.6867

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.



211.5620, 21.4149, 38.0951



216.0270, -61.6383, -16.6867



170.5370, 41.6403, -149.5609

Square

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



216.0270, -61.6383, -16.6867



178.7550, 37.5888, -156.7681



223.1810, 15.6868, 8.6113



195.5630, -17.0396, 52.1262

Rectangle

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



216.0270, -61.6383, -16.6867



172.8270, 14.8753, -151.5693



223.1810, 15.6868, 8.6113



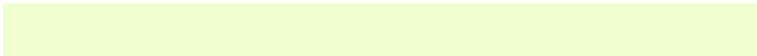
202.7570, 25.7558, 45.8171

Sweetspot

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



216.0270, -61.6383, -16.6867



244.7440, -18.6078, -5.0375



169.6520, -38.7754, 70.4652



121.5900, -11.6299, -3.1484



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.



216.0270, -61.6383, -16.6867



213.4490, -75.1574, -20.5648



192.1070, -49.8458, -65.8688



122.3220, -5.0887, -1.1594



148.6170, -73.2682, -19.8351



48.0660, -23.6965, -6.1969

Inverse Universe

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



124.9730, 61.6383, 16.6867



102.5510, 75.1574, 20.5648



148.8930, 49.8458, 65.8688



114.9770, 4.9413, 1.7742



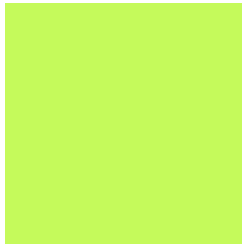
40.3830, 73.2682, 19.8351



12.9340, 23.6965, 6.1969

Previews

White Background



This preview shows how the YUV color 216.0270, -61.6383, -16.6867 looks on a white background.

Color Contrast Check

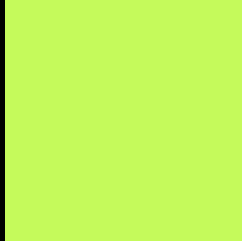
Large Text (above 18pt) WCAG AA × Fail

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 216.0270, -61.6383, -16.6867 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 216.0270, -61.6383, -16.6867 Background



This preview shows how black text looks on a background with the YUV color 216.0270, -61.6383, -16.6867.



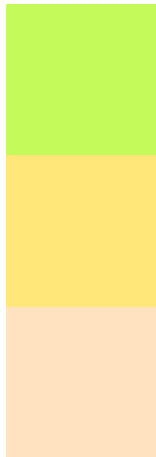
This preview shows how white text looks on a background with the YUV color 216.0270, -61.6383, -16.6867.

-16.6867.

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

216.0270, -61.6383, -16.6867

Protanopia

226.2230, -51.8749, 25.2374

Deuteranopia

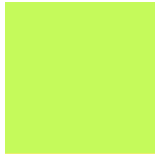
231.4960, -18.9785, 20.6130



Tritanopia

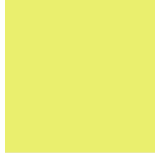
230.7840, 10.9525, -12.9656

Trichromacy



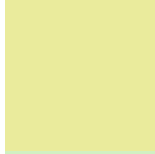
Original Color

216.0270, -61.6383, -16.6867



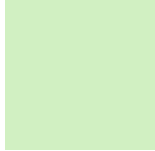
Protanomaly

222.7990, -55.6099, 9.8233



Deuteranomaly

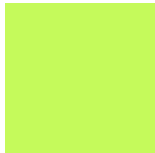
225.6950, -34.3596, 7.2835



Tritanomaly

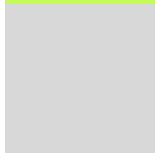
225.4870, -15.5231, -14.4591

Monochromacy



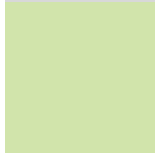
Original Color

216.0270, -61.6383, -16.6867



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.8210, -22.0968, -5.9820

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0270, -61.6383, -16.6867 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(197, 250, 91)` looks like.

```
.text, #text, p{  
    color:rgb(197, 250, 91)  
}
```

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(197, 250, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 250, 91) }
```

Border

The CSS property to change the border of an element to YUV 216.0270, -61.6383, -16.6867 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(197, 250, 91) }
```


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

```
.border{ border-color:rgb(197, 250, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 250, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 250, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 250, 91);  
box-shadow:4px 4px 4px 4px rgb(197, 250,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 216.0270, -61.6383, -16.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 250, 91) }
```

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

```
.background{ background-color: rgb(197,  
250, 91) }
```

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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