

Converting Colors

YUV(221.3690, -60.3279,
-16.9866)

Have a look what the booklet for
YUV(221.3690, -60.3279, -16.9866)
contains.

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Color

**YUV(221.3690, -60.3279,
-16.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFF63
RGB	202, 255, 99
RGB Percent	79%, 100%, 39%
CMY	0.2078, 0.0000, 0.6118
CMYK	0.21, 0.00, 0.61, 0.00
HSL	80°, 100%, 69%
HSV	80°, 61%, 100%
XYZ	62.3693, 84.9774, 24.9195
YIQ	221.3690, 18.4880, -59.7520

Conversions

Conversions Part 2

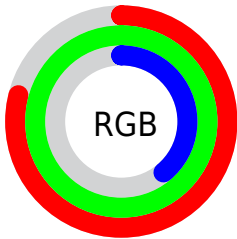
Format	Color
R_{YB}	99, 255, 152
Decimal	13303651
CIE _{Lab}	93.87, -39.10, 67.10
CIE _{LCh}	94, 77.662, 120.231
Yxy	84.9774, 0.3621, 0.4933
Android (android.graphics.Color)	4291493731 (0xFFCAFF63)
YUV	221.3690, -60.3279, -16.9866
Hunter-Lab	92.1832, -40.5512, 48.5006

Details

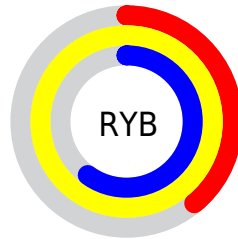
The YUV color **221.3690, -60.3279, -16.9866** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **132.6310, 60.3279, 16.9866**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6000, -43.6798, 9.9978**, and **163.7280, -61.4909, -17.3015** is the 20% darker color. If you saturate the color by 10%, you get **215.7140, -70.3580, -19.9202**, and if you desaturate by 10%, it is **226.9100, -50.7346, -13.9531**.

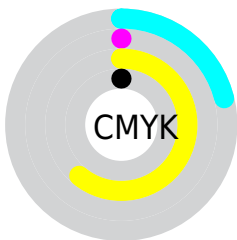
Distribution



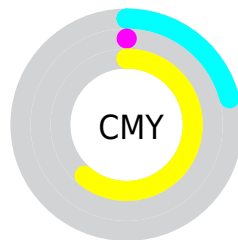
- Red (79%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (60%)



- Cyan (21%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3690, -60.3279, -16.9866 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 221.3690, -60.3279, -16.9866 by changing the saturation by 10% instead.

■ 221.3690,
-60.3279, -16.9866

■ 221.3690,
-60.3279, -16.9866

255.0000, 0.0000,
0.0000

■ 192.4830,
-59.8911, -17.0866

■ 243.6000,
-43.6798, 9.9978

■ 163.7280,
-61.4909, -17.3015

■ 246.9060,
-31.0127, 7.0984

■ 135.0610,
-66.5851, -16.7165

■ 250.0980,
-18.7823, 4.2991

■ 110.8400,
-54.6441, -20.0307

■ 253.5180, -5.6784,
1.2997

■ 86.9070, -42.8452,
-24.4744

■ 62.9630, -31.0408,
-30.6626

■ 40.5030, -19.9680,

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 12.9140, -6.3666,
-11.3256

■ 221.3690,
-60.3279, -16.9866

■ 221.3690,
-60.3279, -16.9866

■ 215.7140,
-70.3580, -19.9202

■ 226.9100,
-50.7346, -13.9531

■ 210.4720,
-80.0987, -22.3389

■ 232.2660,
-40.5571, -11.6343

■ 204.8170,
-90.1288, -25.2725

■ 237.9210,
-30.5271, -8.7007

■ 199.9170,
-98.5591, -27.9912

■ 243.4620,
-20.9338, -5.6672

■ 248.8180,
-10.7563, -3.3484

■ 254.3590, -1.1630,
-0.3148

■ 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.



222.2670, -72.1096, 28.7068



221.3690, -60.3279, -16.9866



196.0310, -17.7633, -89.4812

Triad

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



221.3690, -60.3279, -16.9866



178.7550, 37.5888, -156.7681



202.8080, 18.3357, 45.7724

Complementary

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



221.3690, -60.3279, -16.9866



132.6310, 60.3279, 16.9866

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.



215.0840, 19.6786, 35.0063



221.3690, -60.3279, -16.9866



186.0300, 34.0022, -126.3143

Square

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



221.3690, -60.3279, -16.9866



178.7550, 37.5888, -156.7681



228.2090, 13.2080, 10.3407



200.2420, -16.8813, 48.0228

Rectangle

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



221.3690, -60.3279, -16.9866



173.5110, 17.4961, -152.1691



228.2090, 13.2080, 10.3407



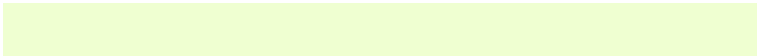
206.2790, 24.0195, 42.7283

Sweetspot

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



221.3690, -60.3279, -16.9866



244.9720, -17.7342, -5.2374



176.1680, -38.0438, 69.1357



121.7040, -11.1931, -3.2484



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.



221.3690, -60.3279, -16.9866



214.9590, -71.9578, -20.1350



198.3460, -48.9776, -64.3244



125.0230, -4.9413, -1.7742



149.7910, -73.8470, -20.8647



50.1260, -24.7121, -7.1265

Inverse Universe

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



132.6310, 60.3279, 16.9866



109.0410, 71.9578, 20.1350



155.6540, 48.9776, 64.3244



117.6780, 5.0887, 1.1594



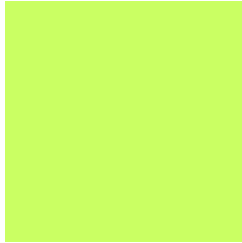
41.2090, 73.8470, 20.8647



13.8740, 24.7121, 7.1265

Previews

White Background



This preview shows how the YUV color 221.3690, -60.3279, -16.9866 looks on a white background.

Color Contrast Check

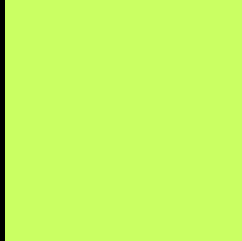
Large Text (above 18pt) WCAG AA × Fail

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 221.3690, -60.3279, -16.9866 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 221.3690, -60.3279, -16.9866 Background



This preview shows how black text looks on a background with the YUV color 221.3690, -60.3279, -16.9866.



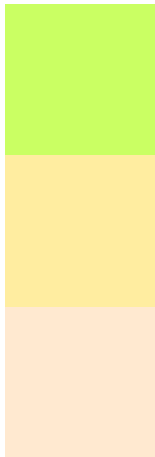
This preview shows how white text looks on a background with the YUV color 221.3690, -60.3279, -16.9866.

-16.9866.

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

221.3690, -60.3279, -16.9866

Protanopia

233.6040, -36.2868, 18.7643

Deuteranopia

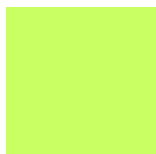
236.7280, -14.1629, 16.0245



Tritanopia

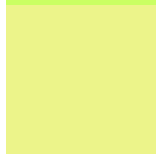
236.3390, 9.1999, -10.8213

Trichromacy



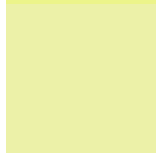
Original Color

221.3690, -60.3279, -16.9866



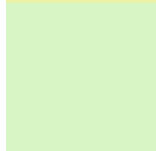
Protanomaly

229.5240, -45.1213, 5.6795



Deuteranomaly

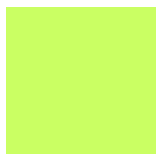
231.1830, -31.1492, 4.2245



Tritanomaly

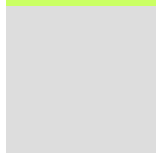
230.9710, -16.2547, -13.1296

Monochromacy



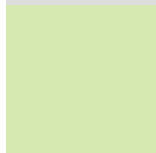
Original Color

221.3690, -60.3279, -16.9866



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9350, -21.6600, -6.0820

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3690, -60.3279, -16.9866 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(202, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 99)  
}
```

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(202, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 99) }
```

Border

The CSS property to change the border of an element to YUV 221.3690, -60.3279, -16.9866 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(202, 255, 99) }
```


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

```
.border{ border-color:rgb(202, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 221.3690, -60.3279, -16.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 99) }
```

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

```
.background{ background-color: rgb(202,  
255, 99) }
```

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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