

Converting Colors

YUV(222.5800, -56.9809,
-17.1717)

Have a look what the booklet for
YUV(222.5800, -56.9809, -17.1717)
contains.

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Color

**YUV(222.5800, -56.9809,
-17.1717)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFF6B
RGB	203, 255, 107
RGB Percent	80%, 100%, 42%
CMY	0.2039, 0.0000, 0.5804
CMYK	0.20, 0.00, 0.58, 0.00
HSL	81°, 100%, 71%
HSV	81°, 58%, 100%
XYZ	63.0424, 85.2780, 27.0475
YIQ	222.5800, 16.5160, -57.0520

Conversions

Conversions Part 2

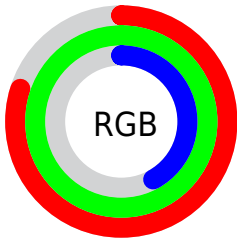
Format	Color
RYB	107, 255, 159
Decimal	13369195
CIELab	94.00, -38.10, 63.94
CIElCh	94, 74.428, 120.792
Yxy	85.2780, 0.3595, 0.4863
Android (android.graphics.Color)	4291559275 (0xFFCBBFF6B)
YUV	222.5800, -56.9809, -17.1717
Hunter-Lab	92.3461, -39.7481, 47.2766

Details

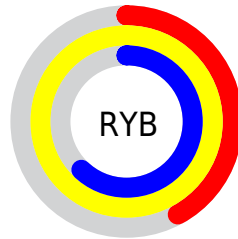
The YUV color **222.5800, -56.9809, -17.1717** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **139.4200, 56.9809, 17.1717**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5120, -40.1854, 9.1980**, and **165.5800, -56.9809, -17.1717** is the 20% darker color. If you saturate the color by 10%, you get **217.0390, -66.5742, -20.2052**, and if you desaturate by 10%, it is **228.2350, -46.9509, -14.2381**.

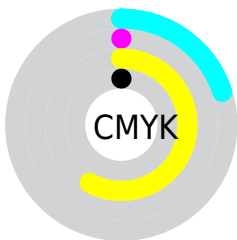
Distribution



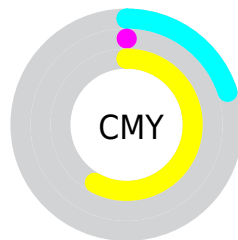
- Red (80%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5800, -56.9809, -17.1717 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 222.5800, -56.9809, -17.1717 by changing the saturation by 10% instead.

■ 222.5800,
-56.9809, -17.1717

■ 222.5800,
-56.9809, -17.1717

255.0000, 0.0000,
0.0000

■ 193.6940,
-56.5441, -17.2716

■ 244.5120,
-40.1854, 9.1980

■ 165.5800,
-56.9809, -17.1717

■ 247.7040,
-27.9551, 6.3986

■ 136.7280,
-61.4909, -17.3015

■ 251.0100,
-15.2879, 3.4992

■ 111.4380,
-54.9389, -18.8011

■ 254.3160, -2.6208,
0.5999

■ 87.5050, -43.1400,
-23.2449

■ 64.1590, -31.6304,
-28.2034

■ 40.5030, -19.9680,

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 13.5010, -6.6560,
-11.8404

■ 222.5800,
-56.9809, -17.1717

■ 222.5800,
-56.9809, -17.1717

■ 217.0390,
-66.5742, -20.2052

■ 228.2350,
-46.9509, -14.2381

■ 211.3840,
-76.6043, -23.1388

■ 233.7760,
-37.3576, -11.2046

■ 205.8430,
-86.1976, -26.1723

■ 239.4310,
-27.3275, -8.2710

■ 200.1880,
-96.2277, -29.1059

■ 244.9720,
-17.7342, -5.2374

■ 199.0200,
-98.1169, -29.8355

■ 250.6270, -7.7041,
-2.3039

255.0000, 0.0000,
0.0000

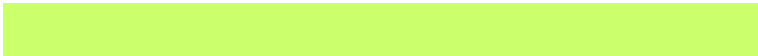
Harmonies

Analogous

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



223.8800, -68.4678, 27.2922



222.5800, -56.9809, -17.1717



198.9930, -16.7585, -85.0629

Triad

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



222.5800, -56.9809, -17.1717



178.7550, 37.5888, -156.7681



205.6290, 16.4519, 43.2984

Complementary

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



222.5800, -56.9809, -17.1717



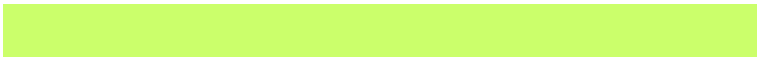
139.4200, 56.9809, 17.1717

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.



216.2580, 19.0998, 33.9767



222.5800, -56.9809, -17.1717



197.1040, 28.5427, -101.8232

Square

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



222.5800, -56.9809, -17.1717



178.7550, 37.5888, -156.7681



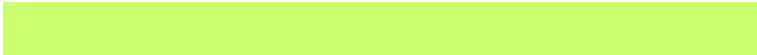
229.6930, 12.4764, 11.6702



202.8180, -17.1653, 45.7636

Rectangle

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



222.5800, -56.9809, -17.1717



173.8530, 18.8065, -152.4691



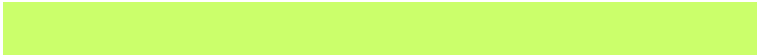
229.6930, 12.4764, 11.6702



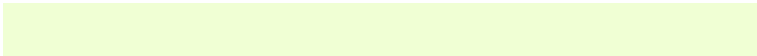
208.6270, 22.8619, 40.6691

Sweetspot

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



222.5800, -56.9809, -17.1717



245.6130, -16.5712, -4.9226



181.7760, -36.8646, 64.2174



122.3450, -10.0301, -2.9336



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.



222.5800, -56.9809, -17.1717



215.8710, -68.4634, -20.9349



200.4540, -46.0728, -62.6652



125.0230, -4.9413, -1.7742



149.1930, -73.5521, -22.0943



49.8270, -24.5647, -7.7413

Inverse Universe

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



139.4200, 56.9809, 17.1717



115.8300, 68.6108, 20.3201



161.5460, 46.0728, 62.6652



117.6780, 5.0887, 1.1594



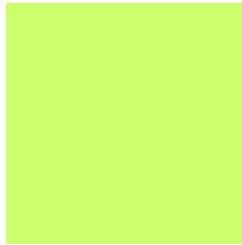
41.8070, 73.5521, 22.0943



13.8740, 24.7121, 7.1265

Previews

White Background



This preview shows how the YUV color 222.5800, -56.9809, -17.1717 looks on a white background.

Color Contrast Check

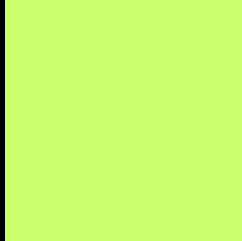
Large Text (above 18pt) WCAG AA × Fail

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 222.5800, -56.9809, -17.1717 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 222.5800, -56.9809, -17.1717 Background



This preview shows how black text looks on a background with the YUV color 222.5800, -56.9809, -17.1717.



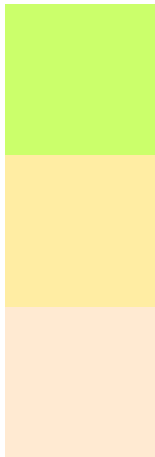
This preview shows how white text looks on a background with the YUV color 222.5800, -56.9809, -17.1717.

-17.1717.

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

222.5800, -56.9809, -17.1717

Protanopia

233.9460, -34.9764, 18.4644

Deuteranopia

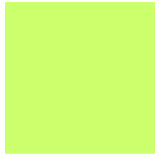
237.5430, -13.5787, 15.3098



Tritanopia

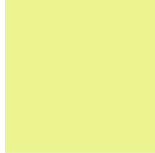
236.3390, 9.1999, -10.8213

Trichromacy



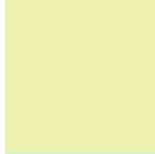
Original Color

222.5800, -56.9809, -17.1717



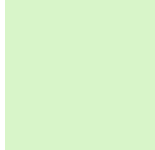
Protanomaly

230.0940, -42.9373, 5.1796



Deuteranomaly

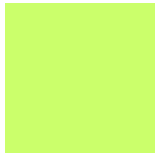
232.3400, -29.2546, 3.2098



Tritanomaly

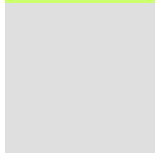
231.3130, -14.9443, -13.4295

Monochromacy



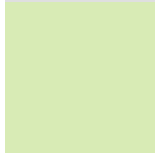
Original Color

222.5800, -56.9809, -17.1717



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.1630, -20.7864, -6.2820

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5800, -56.9809, -17.1717 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(203, 255, 107)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 107)  
}
```

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(203, 255, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 107) }
```

Border

The CSS property to change the border of an element to YUV 222.5800, -56.9809, -17.1717 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(203, 255, 107) }
```


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

```
.border{ border-color:rgb(203, 255, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 107);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 222.5800, -56.9809, -17.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 107) }
```

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

```
.background{ background-color: rgb(203,  
255, 107) }
```

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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