

Converting Colors

YUV(171.8700, -77.3369,
-68.2920)

Have a look what the booklet for
YUV(171.8700, -77.3369, -68.2920)
contains.

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Color

**YUV(171.8700, -77.3369,
-68.2920)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 5EF20F |
| RGB | 94, 242, 15 |
| RGB Percent | 37%, 95%, 6% |
| CMY | 0.6314, 0.0510, 0.9412 |
| CMYK | 0.61, 0.00, 0.94, 0.05 |
| HSL | 99°, 90%, 50% |
| HSV | 99°, 94%, 95% |
| XYZ | 36.4544, 65.9184, 11.2541 |
| YIQ | 171.8700, -15.3410, -101.9730 |

Conversions

Conversions Part 2

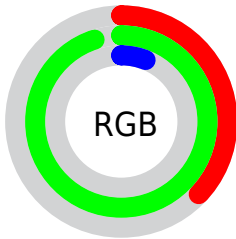
| Format | Color |
|-------------------------------------|--|
| RYB | 15, 242, 163 |
| Decimal | 6222351 |
| CIELab | 84.95, -71.87, 80.20 |
| CIELCh | 85, 107.691, 131.865 |
| Yxy | 65.9184, 0.3208, 0.5801 |
| Android (android.graphics.Color) | 4284412431 (0xFF5EF20F) |
| YUV | 171.8700, -77.3369, -68.2920 |
| Hunter-Lab | 81.1902, -61.9362, 48.6147 |

Details

The YUV color **171.8700, -77.3369, -68.2920** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated green. A complement of this color would be **85.1300, 77.3369, 68.2920**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2410, -56.3208, -42.3074**, and **108.0080, -53.2479, -94.7230** is the 20% darker color. If you saturate the color by 10%, you get **167.1700, -82.4148, -72.9401**, and if you desaturate by 10%, it is **179.3900, -69.2123, -60.8550**.

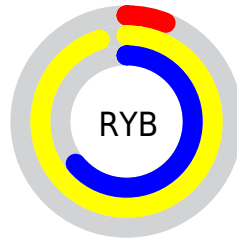
Distribution



Red (37%)

Green (95%)

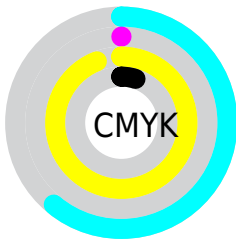
Blue (6%)



Red (6%)

Yellow (95%)

Blue (64%)

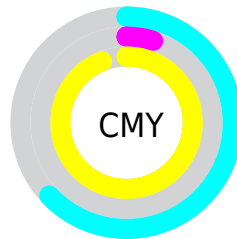


Cyan (61%)

Magenta (0%)

Yellow (94%)

Black (5%)



Cyan (63%)

Magenta (5%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8700, -77.3369, -68.2920 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 171.8700, -77.3369, -68.2920 by changing the saturation by 10% instead.

■ 171.8700,
-77.3369, -68.2920

■ 171.8700,
-77.3369, -68.2920

■ 255.0000, 0.0000,
0.0000

■ 141.1770,
-69.6003, -76.4542

■ 208.2410,
-56.3208, -42.3074

■ 108.0080,
-53.2479, -94.7230

■ 221.2290,
-47.9339, -25.6338

■ 92.1590, -45.4344,
-80.8234

■ 233.8040,
-39.8364, -9.4751

■ 75.7230, -37.3314,
-66.4091

■ 246.4930,
-31.3020, 6.5836

■ 60.4610, -29.8073,
-53.0243

■ 250.2120,
-18.3455, 4.1991

■ 45.1990, -22.2831,
-39.6395

■ 253.6320, -5.2416,

■ 31.1110, -15.3377,

1.1997

-27.2843

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 171.8700,
-77.3369, -68.2920

■ 171.8700,
-77.3369, -68.2920

■ 167.1700,
-82.4148, -72.9401

■ 179.3900,
-69.2123, -60.8550

■ 186.9100,
-61.0876, -53.4181

■ 194.2450,
-52.3788, -46.6959

■ 201.7650,
-44.2541, -39.2589

■ 209.2850,
-36.1295, -31.8219

■ 216.8050,
-28.0049, -24.3850

■ 224.0260,
-19.7328, -17.5628

■ 231.6600,
-11.1714, -10.2258

■ 239.1800, -3.0467,
-2.7889

Harmonies

Analogous

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



194.3220, -95.8007, 20.7656



171.8700, -77.3369, -68.2920



164.9270, -10.3170, -144.6410

Triad

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



171.8700, -77.3369, -68.2920



170.5370, 41.6403, -149.5609



146.7910, 14.4000, 94.8993

Complementary

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



171.8700, -77.3369, -68.2920



85.1300, 77.3369, 68.2920

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.



167.5370, 43.1193, 76.7051



171.8700, -77.3369, -68.2920



153.5140, 50.0326, -134.6318

Square

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



171.8700, -77.3369, -68.2920



178.1680, 37.8782, -156.2533



201.5830, 26.3346, 46.8467



163.2080, -42.0075, 80.5016

Rectangle

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



171.8700, -77.3369, -68.2920



174.3090, 20.5537, -152.8690



201.5830, 26.3346, 46.8467



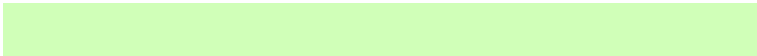
148.9060, 30.1193, 93.0444

Sweetspot

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



171.8700, -77.3369, -68.2920



232.8530, -24.0845, -21.7961



169.7490, -76.2913, 63.3641



114.3130, -14.9443, -13.4295



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.



171.8700, -77.3369, -68.2920



176.2960, -86.9139, -76.5586



152.1250, -50.8406, -120.2586



116.2400, -4.0623, -3.7185



127.1440, -62.6820, -55.3773



38.8520, -19.1540, -16.5332

Inverse Universe

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



85.1300, 77.3369, 68.2920



78.7040, 86.9139, 76.5586



104.8750, 50.8406, 120.2586



111.7600, 4.0623, 3.7185



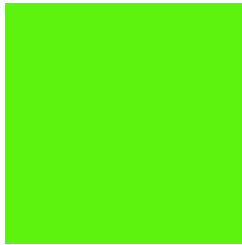
56.8560, 62.6820, 55.3773



17.4470, 19.0066, 17.1480

Previews

White Background



This preview shows how the YUV color 171.8700, -77.3369, -68.2920 looks on a white background.

Color Contrast Check

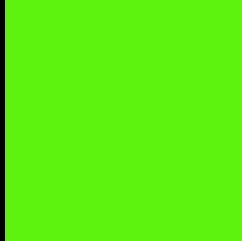
Large Text (above 18pt) WCAG AA × Fail

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 171.8700, -77.3369, -68.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

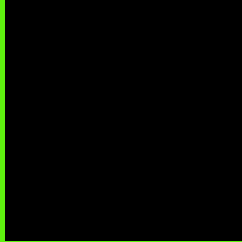
Any Text WCAG AA ✓ Pass

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 171.8700, -77.3369, -68.2920 Background



This preview shows how black text looks on a background with the YUV color 171.8700, -77.3369, -68.2920.



This preview shows how white text looks on a background with the YUV color 171.8700, -77.3369, -68.2920.

-68.2920.

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

171.8700, -77.3369, -68.2920

Protanopia

194.7200, -95.9970, 37.0796

Deuteranopia

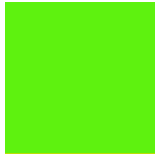
207.1310, -48.8716, 41.9811



Tritanopia

199.8430, 21.2764, -57.7443

Trichromacy



Original Color

171.8700, -77.3369, -68.2920



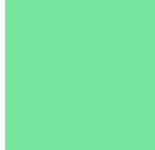
Protanomaly

186.1990, -89.3311, -1.0515



Deuteranomaly

194.4190, -59.3666, 1.3865



Tritanomaly

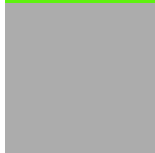
189.4180, -14.5031, -61.7566

Monochromacy



Original Color

171.8700, -77.3369, -68.2920



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8050, -28.0049, -24.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8700, -77.3369, -68.2920 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(94, 242, 15)` looks like.

```
.text, #text, p{  
    color:rgb(94, 242, 15)  
}
```

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(94, 242, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 242, 15) }
```

Border

The CSS property to change the border of an element to YUV 171.8700, -77.3369, -68.2920 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(94, 242, 15) }
```


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

```
.border{ border-color:rgb(94, 242, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 242, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 242, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 242, 15);  
box-shadow:4px 4px 4px 4px rgb(94, 242,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 171.8700, -77.3369, -68.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 242, 15) }
```

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

```
.background{ background-color: rgb(94, 242,  
15) }
```

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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