

Converting Colors

YUV(166.9130, -75.8791,
-69.2067)

Have a look what the booklet for
YUV(166.9130, -75.8791, -69.2067)
contains.

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Color

**YUV(166.9130, -75.8791,
-69.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	58ED0D
RGB	88, 237, 13
RGB Percent	35%, 93%, 5%
CMY	0.6549, 0.0706, 0.9490
CMYK	0.63, 0.00, 0.95, 0.07
HSL	100°, 90%, 49%
HSV	100°, 95%, 93%
XYZ	34.3813, 62.6721, 10.6656
YIQ	166.9130, -16.9000, -101.2520

Conversions

Conversions Part 2

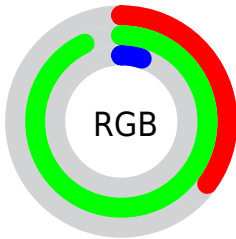
Format	Color
RYB	13, 237, 162
Decimal	5827853
CIELab	83.27, -71.63, 78.96
CIELCh	83, 106.608, 132.213
Yxy	62.6721, 0.3192, 0.5818
Android (android.graphics.Color)	4284017933 (0xFF58ED0D)
YUV	166.9130, -75.8791, -69.2067
Hunter-Lab	79.1657, -61.0183, 47.4282

Details

The YUV color **166.9130, -75.8791, -69.2067** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **83.0870, 75.8791, 69.2067**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5180, -56.4574, -45.1813**, and **105.6600, -52.0904, -92.6638** is the 20% darker color. If you saturate the color by 10%, you get **162.7400, -80.2308, -73.4400**, and if you desaturate by 10%, it is **174.4330, -67.7545, -61.7697**.

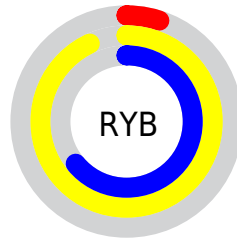
Distribution



Red (35%)

Green (93%)

Blue (5%)



Red (5%)

Yellow (93%)

Blue (64%)

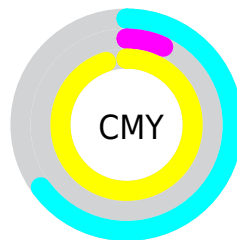


Cyan (63%)

Magenta (0%)

Yellow (95%)

Black (7%)



Cyan (65%)

Magenta (7%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9130, -75.8791, -69.2067 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 166.9130, -75.8791, -69.2067 by changing the saturation by 10% instead.

■ 166.9130,
-75.8791, -69.2067

■ 166.9130,
-75.8791, -69.2067

■ 255.0000, 0.0000,
0.0000

■ 135.8500,
-66.9740, -78.7984

■ 206.5180,
-56.4574, -45.1813

■ 105.6600,
-52.0904, -92.6638

■ 219.2070,
-47.9231, -29.1225

■ 89.2240, -43.9874,
-78.2494

■ 231.7820,
-39.8255, -12.9638

■ 73.3750, -36.1739,
-64.3499

■ 244.7700,
-31.4386, 3.7097

■ 57.5260, -28.3603,
-50.4503

■ 249.8700,
-19.6559, 4.4990

■ 42.8510, -21.1255,
-37.5803

■ 253.2900, -6.5520,

■ 28.7630, -14.1802,

1.4997

-25.2252

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 166.9130,
-75.8791, -69.2067

■ 166.9130,
-75.8791, -69.2067

■ 162.7400,
-80.2308, -73.4400

■ 174.4330,
-67.7545, -61.7697

■ 181.8390,
-60.0666, -54.2328

■ 189.0600,
-51.7946, -47.4106

■ 196.5800,
-43.6699, -39.9737

■ 204.1000,
-35.5453, -32.5367

■ 211.5060,
-27.8575, -24.9998

■ 218.7270,
-19.5854, -18.1776

■ 226.2470,
-11.4608, -10.7406

■ 233.6530, -3.7729,
-3.2037

Harmonies

Analogous

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



190.1800, -93.7587, 19.1361



166.9130, -75.8791, -69.2067



161.7640, -9.7437, -141.8670

Triad

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



166.9130, -75.8791, -69.2067



167.6020, 43.0872, -146.9870



143.8730, 13.3736, 97.4584

Complementary

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



166.9130, -75.8791, -69.2067



83.0870, 75.8791, 69.2067

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.



164.6020, 44.5662, 79.2790



166.9130, -75.8791, -69.2067



149.9920, 51.7689, -131.5430

Square

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



166.9130, -75.8791, -69.2067



175.2330, 39.3251, -153.6793



198.6480, 27.7815, 49.4207



160.9910, -42.8866, 82.4459

Rectangle

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



166.9130, -75.8791, -69.2067



171.5050, 19.9640, -150.4099



198.6480, 27.7815, 49.4207



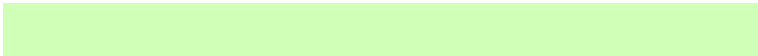
145.9880, 29.0929, 95.6035

Sweetspot

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



166.9130, -75.8791, -69.2067



232.8530, -24.0845, -21.7961



165.6780, -75.2703, 62.5494



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.



166.9130, -75.8791, -69.2067



175.1000, -86.3243, -79.0177



148.3640, -49.9725, -118.7142



113.3540, -3.6255, -3.8185



124.4860, -61.3716, -55.6772



37.0800, -18.2804, -16.7332

Inverse Universe

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



83.0870, 75.8791, 69.2067



79.9000, 86.3243, 79.0177



101.6360, 49.9725, 118.7142



109.3470, 3.7729, 3.2037



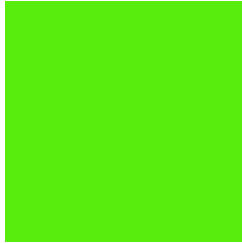
56.5140, 61.3716, 55.6772



16.9200, 18.2804, 16.7332

Previews

White Background



This preview shows how the YUV color 166.9130, -75.8791, -69.2067 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 166.9130, -75.8791, -69.2067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

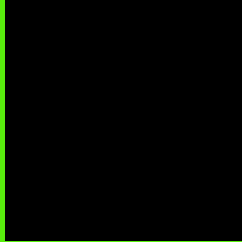
Any Text WCAG AA ✓ Pass

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 166.9130, -75.8791, -69.2067 Background



This preview shows how black text looks on a background with the YUV color 166.9130, -75.8791, -69.2067.



This preview shows how white text looks on a background with the YUV color 166.9130, -75.8791, -69.2067.

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

166.9130, -75.8791, -69.2067

Protanopia

190.2900, -93.8130, 36.5797

Deuteranopia

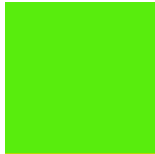
200.1890, -60.2392, 48.0692



Tritanopia

194.8430, 21.2764, -57.7443

Trichromacy



Original Color

166.9130, -75.8791, -69.2067



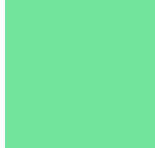
Protanomaly

181.7690, -87.1471, -1.5514



Deuteranomaly

188.0190, -66.0714, 5.2453



Tritanomaly

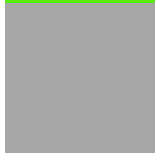
184.5320, -14.0663, -61.8566

Monochromacy



Original Color

166.9130, -75.8791, -69.2067



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.6200, -27.4207, -25.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9130, -75.8791, -69.2067 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(88, 237, 13)` looks like.

```
.text, #text, p{  
    color:rgb(88, 237, 13)  
}
```

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(88, 237, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 237, 13) }
```

Border

The CSS property to change the border of an element to YUV 166.9130, -75.8791, -69.2067 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(88, 237, 13) }
```


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

```
.border{ border-color:rgb(88, 237, 13) }
```

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

Here you see how a box with a 4 pixel rgb(88, 237, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 237, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 237, 13);  
box-shadow:4px 4px 4px 4px rgb(88, 237,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 166.9130, -75.8791, -69.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 237, 13) }
```

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

```
.background{ background-color: rgb(88, 237,  
13) }
```

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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