

Converting Colors

YUV(166.4770, -71.2272,
-67.9473)

Have a look what the booklet for
YUV(166.4770, -71.2272, -67.9473)
contains.

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Color

**YUV(166.4770, -71.2272,
-67.9473)**

Conversions

Conversions Part 1

Format	Color
Hex	59EA16
RGB	89, 234, 22
RGB Percent	35%, 92%, 9%
CMY	0.6510, 0.0824, 0.9137
CMYK	0.62, 0.00, 0.91, 0.08
HSL	101°, 83%, 50%
HSV	101°, 91%, 92%
XYZ	33.6875, 61.0274, 10.7630
YIQ	166.4770, -18.3680, -96.6720

Conversions

Conversions Part 2

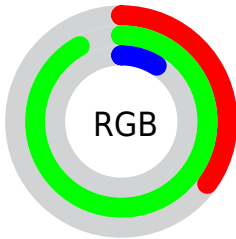
Format	Color
RYB	22, 234, 167
Decimal	5892630
CIELab	82.39, -70.26, 77.17
CIELCh	82, 104.366, 132.319
Yxy	61.0274, 0.3194, 0.5786
Android (android.graphics.Color)	4284082710 (0xFF59EA16)
YUV	166.4770, -71.2272, -67.9473
Hunter-Lab	78.1200, -59.7361, 46.5153

Details

The YUV color **166.4770, -71.2272, -67.9473** 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 **89.5230, 71.2272, 67.9473**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8600, -55.1470, -45.4812**, and **103.8990, -51.2222, -91.1194** is the 20% darker color. If you saturate the color by 10%, you get **159.4840, -78.6256, -74.9695**, and if you desaturate by 10%, it is **173.8830, -63.5393, -60.4104**.

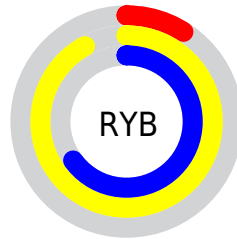
Distribution



Red (35%)

Green (92%)

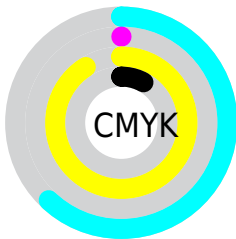
Blue (9%)



Red (9%)

Yellow (92%)

Blue (65%)

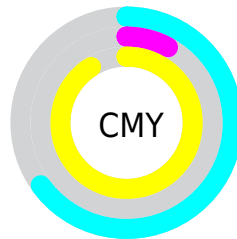


Cyan (62%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (65%)

Magenta (8%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4770, -71.2272, -67.9473 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 166.4770, -71.2272, -67.9473 by changing the saturation by 10% instead.

■ 166.4770,
-71.2272, -67.9473

■ 166.4770,
-71.2272, -67.9473

■ 255.0000, 0.0000,
0.0000

■ 134.9860,
-66.5481, -75.4097

■ 206.8600,
-55.1470, -45.4812

■ 103.8990,
-51.2222, -91.1194

■ 219.4350,
-47.0495, -29.3225

■ 87.4630, -43.1193,
-76.7051

■ 232.0100,
-38.9519, -13.1638

■ 71.6140, -35.3057,
-62.8055

■ 244.6990,
-30.4176, 2.8950

■ 56.3520, -27.7815,
-49.4207

■ 250.0980,
-18.7823, 4.2991

■ 41.0900, -20.2574,
-36.0359

■ 253.5180, -5.6784,

■ 27.0020, -13.3120,

1.2997

-23.6808

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 166.4770,
-71.2272, -67.9473

■ 166.4770,
-71.2272, -67.9473

■ 159.4840,
-78.6256, -74.9695

■ 173.8830,
-63.5393, -60.4104

■ 181.4030,
-55.4147, -52.9734

■ 188.8090,
-47.7268, -45.4365

■ 196.3290,
-39.6022, -37.9995

■ 203.7350,
-31.9144, -30.4626

■ 211.1410,
-24.2265, -22.9257

■ 218.6610,
-16.1019, -15.4887

■ 226.0670, -8.4140,
-7.9518

■ 233.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



187.5220, -92.4483, 18.8362



166.4770, -71.2272, -67.9473



159.3020, -9.0229, -139.7079

Triad

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



166.4770, -71.2272, -67.9473



165.2540, 44.2448, -144.9278



145.4060, 11.6318, 96.1139

Complementary

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



166.4770, -71.2272, -67.9473



89.5230, 71.2272, 67.9473

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.



165.1890, 44.2768, 78.7642



166.4770, -71.2272, -67.9473



148.8180, 52.3477, -130.5134

Square

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



166.4770, -71.2272, -67.9473



172.8850, 40.4827, -151.6201



197.4740, 28.3603, 50.4503



161.1050, -42.4498, 82.3459

Rectangle

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



166.4770, -71.2272, -67.9473



168.9290, 20.2480, -148.1507



197.4740, 28.3603, 50.4503



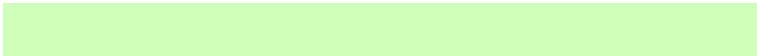
147.4070, 26.9143, 94.3591

Sweetspot

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



166.4770, -71.2272, -67.9473



233.0810, -23.2109, -21.9960



170.5030, -73.2120, 55.6869



114.9540, -13.7813, -13.1147



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.



166.4770, -71.2272, -67.9473



173.9040, -85.7347, -81.4768



150.8900, -44.3158, -113.0365



113.3540, -3.6255, -3.8185



123.2900, -60.7820, -58.1363



36.7810, -18.1330, -17.3479

Inverse Universe

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



89.5230, 71.2272, 67.9473



81.0960, 85.7347, 81.4768



105.1100, 44.3158, 113.0365



109.6460, 3.6255, 3.8185



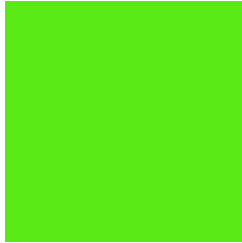
57.7100, 60.7820, 58.1363



17.2190, 18.1330, 17.3479

Previews

White Background



This preview shows how the YUV color 166.4770, -71.2272, -67.9473 looks on a white background.

Color Contrast Check

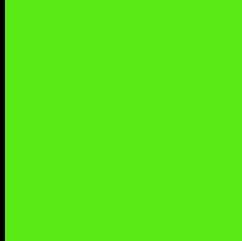
Large Text (above 18pt) WCAG AA × Fail

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 166.4770, -71.2272, -67.9473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

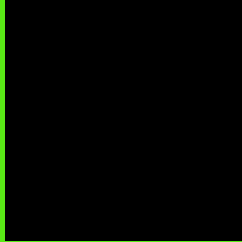
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

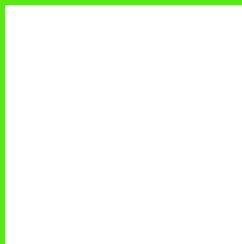
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.4770, -71.2272, -67.9473 Background



This preview shows how black text looks on a background with the YUV color 166.4770, -71.2272, -67.9473.



This preview shows how white text looks on a background with the YUV color 166.4770, -71.2272, -67.9473.

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

166.4770, -71.2272, -67.9473

Protanopia

188.2190, -92.7920, 35.7649

Deuteranopia

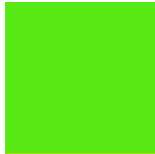
195.9200, -68.9806, 51.8132



Tritanopia

193.0280, 20.6922, -57.0296

Trichromacy



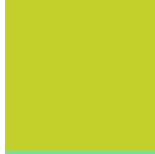
Original Color

166.4770, -71.2272, -67.9473



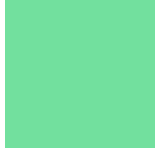
Protanomaly

180.3390, -84.9631, -2.0513



Deuteranomaly

185.4170, -69.7186, 8.4043



Tritanomaly

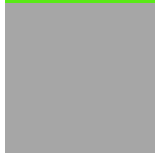
183.5860, -12.6139, -61.0269

Monochromacy



Original Color

166.4770, -71.2272, -67.9473



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.3750, -25.8209, -24.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4770, -71.2272, -67.9473 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(89, 234, 22)` looks like.

```
.text, #text, p{  
    color:rgb(89, 234, 22)  
}
```

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(89, 234, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 234, 22) }
```

Border

The CSS property to change the border of an element to YUV 166.4770, -71.2272, -67.9473 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(89, 234, 22) }
```


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

```
.border{ border-color:rgb(89, 234, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 234, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 234, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 234, 22);  
box-shadow:4px 4px 4px 4px rgb(89, 234,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 166.4770, -71.2272, -67.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 234, 22) }
```

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

```
.background{ background-color: rgb(89, 234,  
22) }
```

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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