

Converting Colors

YUV(167.9420, -79.8374,
-59.5851)

Have a look what the booklet for
YUV(167.9420, -79.8374, -59.5851)
contains.

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Color

**YUV(167.9420, -79.8374,
-59.5851)**

Conversions

Conversions Part 1

Format	Color
Hex	64EA06
RGB	100, 234, 6
RGB Percent	39%, 92%, 2%
CMY	0.6078, 0.0824, 0.9765
CMYK	0.57, 0.00, 0.97, 0.08
HSL	95°, 95%, 47%
HSV	95°, 97%, 92%
XYZ	34.7112, 61.5681, 10.2267
YIQ	167.9420, -6.6760, -99.3160

Conversions

Conversions Part 2

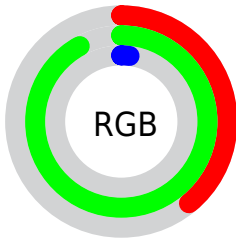
Format	Color
RYB	6, 234, 140
Decimal	6613510
CIELab	82.68, -67.96, 79.23
CIELCh	83, 104.388, 130.623
Yxy	61.5681, 0.3259, 0.5781
Android (android.graphics.Color)	4284803590 (0xFF64EA06)
YUV	167.9420, -79.8374, -59.5851
Hunter-Lab	78.4653, -58.3502, 47.1983

Details

The YUV color **167.9420, -79.8374, -59.5851** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **72.0580, 79.8374, 59.5851**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9810, -58.6576, -39.4483**, and **103.8990, -51.2222, -91.1194** is the 20% darker color. If you saturate the color by 10%, you get **166.0620, -81.8686, -61.4444**, and if you desaturate by 10%, it is **174.7500, -71.8548, -53.2778**.

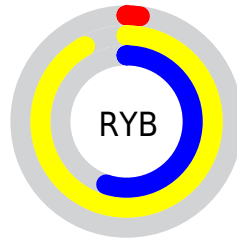
Distribution



Red (39%)

Green (92%)

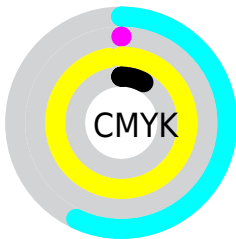
Blue (2%)



Red (2%)

Yellow (92%)

Blue (55%)

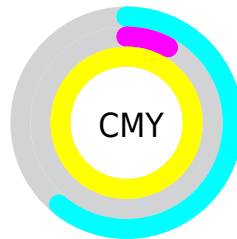


Cyan (57%)

Magenta (0%)

Yellow (97%)

Black (8%)



Cyan (61%)

Magenta (8%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9420, -79.8374, -59.5851 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 167.9420, -79.8374, -59.5851 by changing the saturation by 10% instead.

■ 167.9420,
-79.8374, -59.5851

■ 167.9420,
-79.8374, -59.5851

■ 255.0000, 0.0000,
0.0000

■ 139.4710,
-68.7592, -66.1881

■ 208.9810,
-58.6576, -39.4483

■ 103.8990,
-51.2222, -91.1194

■ 221.6700,
-50.1233, -23.3896

■ 87.4630, -43.1193,
-76.7051

■ 234.2450,
-42.0258, -7.2309

■ 71.6140, -35.3057,
-62.8055

■ 246.3360,
-33.1966, 7.5983

■ 56.3520, -27.7815,
-49.4207

■ 249.6420,
-20.5295, 4.6990

■ 41.6770, -20.5468,
-36.5507

■ 253.0620, -7.4256,

■ 27.5890, -13.6014,

1.6996

-24.1956

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 167.9420,
-79.8374, -59.5851

■ 167.9420,
-79.8374, -59.5851

■ 166.0620,
-81.8686, -61.4444

■ 174.7500,
-71.8548, -53.2778

■ 181.6720,
-63.4353, -47.0703

■ 188.1810,
-55.3052, -41.3777

■ 195.1030,
-46.8858, -35.1703

■ 201.9110,
-38.9031, -28.8629

■ 208.7190,
-30.9205, -22.5556

■ 215.3420,
-22.3536, -16.9629

■ 222.1500,
-14.3710, -10.6556

■ 229.0720, -5.9515,
-4.4481

Harmonies

Analogous

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



189.6150, -93.4802, 23.1396



167.9420, -79.8374, -59.5851



159.3190, -11.4963, -139.7228

Triad

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



167.9420, -79.8374, -59.5851



166.4280, 43.6660, -145.9574



146.0900, 14.2526, 95.5141

Complementary

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



167.9420, -79.8374, -59.5851



72.0580, 79.8374, 59.5851

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



167.9420, -79.8374, -59.5851



150.5790, 51.4796, -132.0578

Square

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



167.9420, -79.8374, -59.5851



173.4720, 40.1933, -152.1349



198.3270, 27.9398, 45.3172



160.6150, -39.2502, 82.7756

Rectangle

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



167.9420, -79.8374, -59.5851



168.9460, 17.7746, -148.1656



198.3270, 27.9398, 45.3172



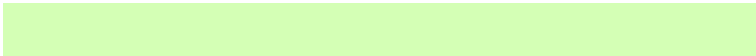
148.6780, 29.2457, 93.2444

Sweetspot

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



167.9420, -79.8374, -59.5851



233.7070, -25.9846, -19.0370



152.2430, -72.0978, 71.7009



114.7970, -15.6759, -12.1000



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.



167.9420, -79.8374, -59.5851



181.0800, -89.2724, -66.7222



142.0020, -57.6820, -119.2738



113.6530, -3.7729, -3.2037



128.6720, -63.4353, -47.0703



38.2760, -18.8701, -14.2741

Inverse Universe

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



72.0580, 79.8374, 59.5851



73.9200, 89.2724, 66.7222



97.9980, 57.6820, 119.2738



109.0480, 3.9203, 2.5889



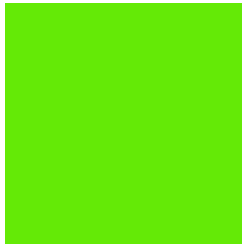
52.3280, 63.4353, 47.0703



15.4250, 19.0175, 13.6593

Previews

White Background



This preview shows how the YUV color 167.9420, -79.8374, -59.5851 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 167.9420, -79.8374, -59.5851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

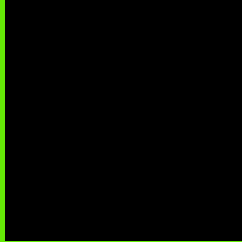
Any Text WCAG AA ✓ Pass

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 167.9420, -79.8374, -59.5851 Background



This preview shows how black text looks on a background with the YUV color 167.9420, -79.8374, -59.5851.



This preview shows how white text looks on a background with the YUV color 167.9420, -79.8374, -59.5851.

-59.5851.

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

167.9420, -79.8374, -59.5851

Protanopia

189.1050, -93.2288, 35.8649

Deuteranopia

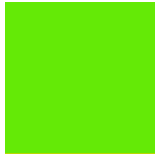
197.5330, -65.3388, 50.3986



Tritanopia

195.4200, 19.5129, -52.1113

Trichromacy



Original Color

167.9420, -79.8374, -59.5851



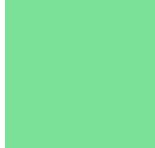
Protanomaly

181.7370, -88.6103, 1.1077



Deuteranomaly

187.2000, -70.5976, 10.3486



Tritanomaly

185.5930, -16.5613, -54.8941

Monochromacy



Original Color

167.9420, -79.8374, -59.5851



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8870, -29.0313, -21.8259

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9420, -79.8374, -59.5851 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(100, 234, 6)` looks like.

```
.text, #text, p{  
    color:rgb(100, 234, 6)  
}
```

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(100, 234, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 234, 6) }
```

Border

The CSS property to change the border of an element to YUV 167.9420, -79.8374, -59.5851 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(100, 234, 6) }
```


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

```
.border{ border-color:rgb(100, 234, 6) }
```

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

Here you see how a box with a 4 pixel rgb(100, 234, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 234, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 234, 6);  
box-shadow:4px 4px 4px 4px rgb(100, 234,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 167.9420, -79.8374, -59.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 234, 6) }
```

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

```
.background{ background-color: rgb(100,  
234, 6) }
```

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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