

Converting Colors

YUV(167.0470, -82.3542,
-45.6452)

Have a look what the booklet for
YUV(167.0470, -82.3542, -45.6452)
contains.

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Color

**YUV(167.0470, -82.3542,
-45.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	73E200
RGB	115, 226, 0
RGB Percent	45%, 89%, 0%
CMY	0.5490, 0.1137, 1.0000
CMYK	0.49, 0.00, 1.00, 0.11
HSL	89°, 100%, 44%
HSV	89°, 100%, 89%
XYZ	34.2666, 58.0376, 9.3963
YIQ	167.0470, 6.3900, -93.8180

Conversions

Conversions Part 2

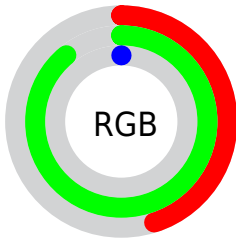
Format	Color
RYB	0, 226, 111
Decimal	7594496
CIELab	80.76, -61.21, 78.45
CIELCh	81, 99.498, 127.963
Yxy	58.0376, 0.3369, 0.5707
Android (android.graphics.Color)	4285784576 (0xFF73E200)
YUV	167.0470, -82.3542, -45.6452
Hunter-Lab	76.1824, -53.0304, 46.0148

Details

The YUV color **167.0470, -82.3542, -45.6452** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **58.9530, 82.3542, 45.6452**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2270, -61.7369, -31.7711**, and **113.5440, -55.9772, -59.2361** is the 20% darker color. If you saturate the color by 10%, you get **167.0470, -82.3542, -45.6452**, and if you desaturate by 10%, it is **172.9580, -73.9293, -41.1822**.

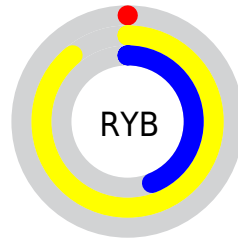
Distribution



Red (45%)

Green (89%)

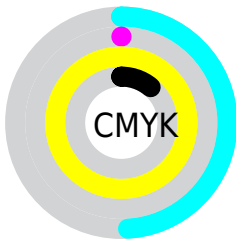
Blue (0%)



Red (0%)

Yellow (89%)

Blue (44%)

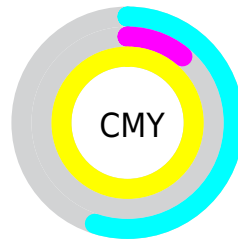


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (55%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0470, -82.3542, -45.6452 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 167.0470, -82.3542, -45.6452 by changing the saturation by 10% instead.

■ 167.0470,
-82.3542, -45.6452

■ 167.0470,
-82.3542, -45.6452

■ 255.0000, 0.0000,
0.0000

■ 140.4560,
-69.2448, -50.3889

■ 212.2270,
-61.7369, -31.7711

■ 113.5440,
-55.9772, -59.2361

■ 224.9160,
-53.2026, -15.7123

■ 83.3540, -41.0935,
-73.1015

■ 237.1920,
-44.9577, -0.1684

■ 68.0920, -33.5694,
-59.7167

■ 245.9940,
-34.5070, 7.8983

■ 52.8300, -26.0452,
-46.3319

■ 249.3000,
-21.8399, 4.9989

■ 38.1550, -18.8104,
-33.4619

■ 252.7200, -8.7360,

■ 24.6540, -12.1544,

1.9996

-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 167.0470,
-82.3542, -45.6452

■ 172.9580,
-73.9293, -41.1822

■ 178.7550,
-65.9412, -36.6191

■ 184.6660,
-57.5163, -32.1561

■ 190.4630,
-49.5283, -27.5931

■ 196.6730,
-41.2508, -22.5152

■ 202.5840,
-32.8259, -18.0522

■ 208.3810,
-24.8378, -13.4891

■ 214.2920,
-16.4130, -9.0261

■ 220.0890, -8.4249,
-4.4631

Harmonies

Analogous

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



185.5170, -91.4599, 28.4876



167.0470, -82.3542, -45.6452



153.4830, -13.5491, -134.6046

Triad

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



167.0470, -82.3542, -45.6452



163.4930, 45.1130, -143.3834



149.0080, 15.2791, 92.9550

Complementary

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



167.0470, -82.3542, -45.6452



58.9530, 82.3542, 45.6452

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.



171.0590, 41.3829, 73.6163



167.0470, -82.3542, -45.6452



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.



167.0470, -82.3542, -45.6452



169.9500, 41.9297, -149.0461



193.8200, 30.1617, 32.6069



158.7060, -33.8721, 84.4498

Rectangle

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



167.0470, -82.3542, -45.6452



163.2410, 13.6852, -143.1624



193.8200, 30.1617, 32.6069



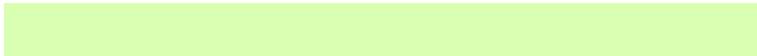
153.1290, 28.5304, 89.3409

Sweetspot

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



167.0470, -82.3542, -45.6452



234.9740, -27.5952, -15.7632



131.5570, -64.8576, 82.8265



115.8790, -16.7023, -9.5409



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.



167.0470, -82.3542, -45.6452



188.5550, -92.9576, -51.3527



133.8580, -65.9920, -113.8855



109.2510, -4.0677, -1.9741



130.2220, -64.1994, -35.2747



35.6510, -17.5759, -9.3409

Inverse Universe

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



58.9530, 82.3542, 45.6452



66.4450, 92.9576, 51.3527



92.1420, 65.9920, 113.8855



103.7490, 4.0677, 1.9741



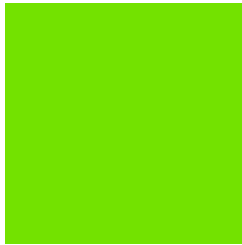
45.7780, 64.1994, 35.2747



12.6480, 17.4285, 9.9557

Previews

White Background



This preview shows how the YUV color 167.0470, -82.3542, -45.6452 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 167.0470, -82.3542, -45.6452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

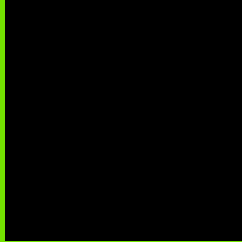
Any Text WCAG AA ✓ Pass

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 167.0470, -82.3542, -45.6452 Background



This preview shows how black text looks on a background with the YUV color 167.0470, -82.3542, -45.6452.



This preview shows how white text looks on a background with the YUV color 167.0470, -82.3542, -45.6452.

-45.6452.

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



Protanopia

184.6750, -91.0448, 35.3650

Deuteranopia

191.2360, -71.6013, 52.4130

Tritanopia

192.5030, 17.0070, -41.6601

Trichromacy



Protanomaly

177.9980, -87.7530, 6.1408

Deuteranomaly

182.2780, -75.5661, 17.2962

Tritanomaly

183.2740, -19.3621, -43.2133

Monochromacy



Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6920, -29.9212, -16.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0470, -82.3542, -45.6452 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(115, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 226, 0)  
}
```

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(115, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 226, 0) }
```

Border

The CSS property to change the border of an element to YUV 167.0470, -82.3542, -45.6452 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(115, 226, 0) }
```

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

```
.border{ border-color:rgb(115, 226, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 226,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 167.0470, -82.3542, -45.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 226, 0) }
```

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

```
.background{ background-color: rgb(115,  
226, 0) }
```

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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