

# Converting Colors

YUV(166.7570, -82.2112,  
1.9671)

Have a look what the booklet for  
YUV(166.7570, -82.2112, 1.9671)  
contains.

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# Color

**YUV(166.7570, -82.2112,  
1.9671)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9C600
RGB	169, 198, 0
RGB Percent	66%, 78%, 0%
CMY	0.3373, 0.2235, 1.0000
CMYK	0.15, 0.00, 1.00, 0.22
HSL	69°, 100%, 39%
HSV	69°, 100%, 78%
XYZ	36.5563, 48.8232, 7.4971
YIQ	166.7570, 46.2740, -67.7260

# Conversions

## Conversions Part 2

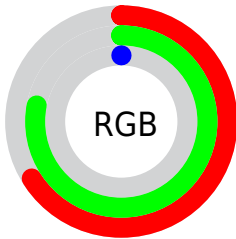
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 198, 29
Decimal	11126272
CIELab	75.34, -30.09, 75.51
CIELCh	75, 81.287, 111.730
Yxy	48.8232, 0.3936, 0.5257
Android (android.graphics.Color)	4289316352 (0xFFA9C600)
YUV	166.7570, -82.2112, 1.9671
Hunter-Lab	69.8736, -28.8916, 42.5500

# Details

The YUV color **166.7570, -82.2112, 1.9671** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **31.2430, 82.2112, -1.9671**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2050, -71.5861, 0.6972**, and **118.0160, -58.1819, -5.2760** is the 20% darker color. If you saturate the color by 10%, you get **166.7570, -82.2112, 1.9671**, and if you desaturate by 10%, it is **169.9340, -73.9175, 1.8119**.

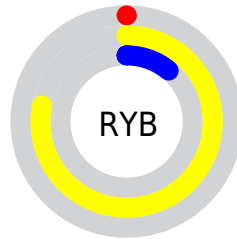
# Distribution



Red (66%)

Green (78%)

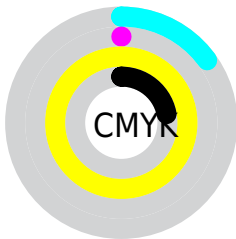
Blue (0%)



Red (0%)

Yellow (78%)

Blue (11%)

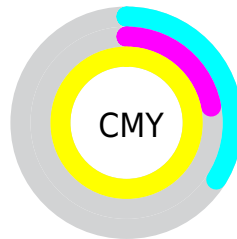


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (34%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.7570, -82.2112, 1.9671 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 166.7570, -82.2112, 1.9671 by changing the saturation by 10% instead.



■ 166.7570,  
-82.2112, 1.9671

■ 166.7570,  
-82.2112, 1.9671

■ 255.0000, 0.0000,  
0.0000

■ 142.2370,  
-70.1228, -1.9618

■ 227.2050,  
-71.5861, 0.6972

■ 118.0160,  
-58.1819, -5.2760

■ 238.6980,  
-62.4621, 14.2969

■ 94.3820, -46.5303,  
-9.1050

■ 241.8900,  
-50.2318, 11.4975

■ 71.9220, -35.4575,  
-13.9636

■ 245.1960,  
-37.5646, 8.5981

■ 48.8640, -24.0900,  
-20.0517

■ 248.5020,  
-24.8975, 5.6987

■ 27.5890, -13.6014,  
-24.1956

■ 251.9220,

■ 15.8490, -7.8136,

-11.7935, 2.6994

-13.8996

■ 0.0000, 0.0000,  
0.0000

■ 166.7570,  
-82.2112, 1.9671

■ 169.9340,  
-73.9175, 1.8119

■ 173.1110,  
-65.6237, 1.6567

■ 176.1740,  
-57.7668, 1.6014

■ 179.3510,  
-49.4730, 1.4462

■ 182.5280,  
-41.1793, 1.2909

■ 185.4060,  
-32.7382, 0.5209

■ 188.5830,  
-24.4444, 0.3657

■ 191.6460,  
-16.5875, 0.3105

■ 194.8230, -8.2937,  
0.1552

# Harmonies

## Analogous

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



174.1860, -85.8737, 56.8419



166.7570, -82.2112, 1.9671



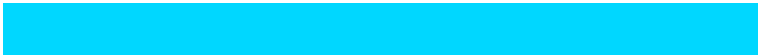
153.3840, -33.2203, -78.3898

# Triad

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



166.7570, -82.2112, 1.9671



155.2750, 49.1644, -136.1762



165.3420, 22.0164, 78.6301

# Complementary

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



166.7570, -82.2112, 1.9671



31.2430, 82.2112, -1.9671

# 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.



187.4950, 33.2800, 59.2019



166.7570, -82.2112, 1.9671



147.0570, 53.2159, -128.9690

# Square

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



166.7570, -82.2112, 1.9671



156.3860, 40.7287, -137.1505



173.9540, 39.9557, -28.9007



157.9660, -11.3222, 85.0988



# Rectangle

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



166.7570, -82.2112, 1.9671



142.8830, -3.3933, -125.3084



173.9540, 39.9557, -28.9007



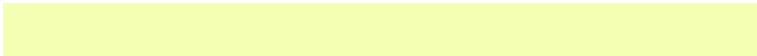
172.1870, 30.4738, 72.6270

# Sweetspot

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



166.7570, -82.2112, 1.9671



243.0470, -31.5752, 0.8358



74.4640, -36.7108, 108.3411



120.6630, -19.0609, 0.2955



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.



166.7570, -82.2112, 1.9671



214.8670, -105.9294, 2.7476



138.0530, -68.0601, -57.0515



97.6750, -3.7838, 0.2850



137.2420, -67.6603, 1.5418



30.1020, -14.8403, -0.0895



# Inverse Universe

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



31.2430, 82.2112, -1.9671



40.1330, 105.9294, -2.7476



59.9470, 68.0601, 57.0515



91.3250, 3.7838, -0.2850



25.7580, 67.6603, -1.5418



5.5990, 14.9877, -0.5253



# Previews

## White Background



This preview shows how the YUV color 166.7570, -82.2112, 1.9671 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 166.7570, -82.2112, 1.9671 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 166.7570, -82.2112, 1.9671 Background



This preview shows how black text looks on a background with the YUV color 166.7570, -82.2112, 1.9671.



This preview shows how white text looks on a background with the YUV color 166.7570, -82.2112, 1.9671.



# 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

166.7570, -82.2112, 1.9671

### Protanopia

171.6730, -84.6348, 32.7358

### Deuteranopia

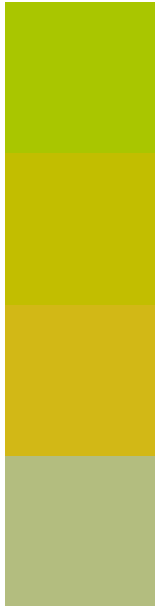
176.8550, -70.4275, 49.2392



## Tritanopia

185.7100, 6.5520, -1.4997

# Trichromacy



## Original Color

166.7570, -82.2112, 1.9671

## Protanomaly

169.5360, -83.5812, 21.4549

## Deuteranomaly

173.3060, -74.5939, 32.1806

## Tritanomaly

178.9420, -25.6074, 0.0509

# Monochromacy



## Original Color

166.7570, -82.2112, 1.9671

## Achromatopsia

167.0000, 0.0000, 0.0000

## Achromatomaly

166.8020, -29.9754, 1.0506

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.7570, -82.2112, 1.9671 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(169, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(169, 198, 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(169, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 198, 0) }
```

## Border

The CSS property to change the border of an element to YUV 166.7570, -82.2112, 1.9671 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(169, 198, 0) }
```



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

```
.border{ border-color:rgb(169, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(169, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(169, 198,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 166.7570, -82.2112, 1.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 198, 0) }
```

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

```
.background{ background-color: rgb(169,  
198, 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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