

# Converting Colors

YUV(201.7410, -74.8083,  
-39.2379)

Have a look what the booklet for  
YUV(201.7410, -74.8083, -39.2379)  
contains.

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# Color

**YUV(201.7410, -74.8083,  
-39.2379)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DFE32
RGB	157, 254, 50
RGB Percent	62%, 100%, 20%
CMY	0.3843, 0.0039, 0.8039
CMYK	0.38, 0.00, 0.80, 0.00
HSL	89°, 99%, 60%
HSV	89°, 80%, 100%
XYZ	49.9222, 78.2820, 15.4964
YIQ	201.7410, 7.6720, -84.0080

# Conversions

## Conversions Part 2

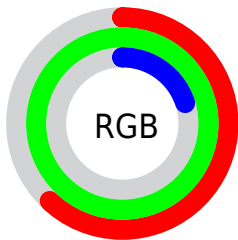
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 254, 147
Decimal	10354226
CIELab	90.91, -57.39, 79.90
CIELCh	91, 98.381, 125.689
Yxy	78.2820, 0.3474, 0.5448
Android (android.graphics.Color)	4288544306 (0xFF9DFE32)
YUV	201.7410, -74.8083, -39.2379
Hunter-Lab	88.4771, -54.1185, 51.5496

# Details

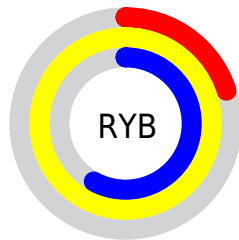
The YUV color **201.7410, -74.8083, -39.2379** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **102.2590, 74.8083, 39.2379**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8630, -56.1345, -8.6499**, and **144.3430, -71.1611, -42.3968** is the 20% darker color. If you saturate the color by 10%, you get **195.3030, -83.9594, -44.1157**, and if you desaturate by 10%, it is **208.1790, -65.6572, -34.3600**.

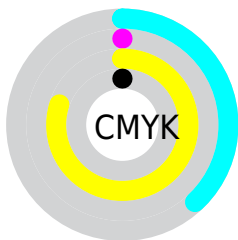
# Distribution



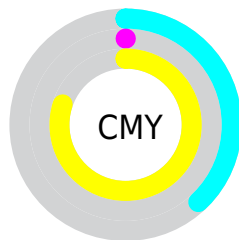
- Red (62%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.7410, -74.8083, -39.2379 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 201.7410, -74.8083, -39.2379 by changing the saturation by 10% instead.



201.7410,  
-74.8083, -39.2379

201.7410,  
-74.8083, -39.2379

255.0000, 0.0000,  
0.0000

170.0480,  
-83.8337, -37.7531

227.8630,  
-56.1345, -8.6499

144.3430,  
-71.1611, -42.3968

240.1390,  
-47.8895, 6.8941

118.0400,  
-58.1937, -48.2701

245.6520,  
-35.8174, 8.1982

88.7360, -43.7468,  
-62.0355

248.9580,  
-23.1503, 5.2988

67.5050, -33.2800,  
-59.2019

252.3780,  
-10.0464, 2.2995

52.8300, -26.0452,  
-46.3319

38.1550, -18.8104,

-33.4619

■ 24.6540, -12.1544,  
-21.6216

■ 3.5220, -1.7363,  
-3.0888

■ 201.7410,  
-74.8083, -39.2379

■ 201.7410,  
-74.8083, -39.2379

■ 195.3030,  
-83.9594, -44.1157

■ 208.1790,  
-65.6572, -34.3600

■ 188.8650,  
-93.1104, -48.9936

■ 214.7310,  
-56.0694, -29.5821

■ 221.1690,  
-46.9183, -24.7042

■ 227.7210,  
-37.3305, -19.9263

■ 234.1590,  
-28.1794, -15.0484

■ 240.5970,  
-19.0283, -10.1706

■ 247.4480, -9.5879,  
-4.7779

253.8860, -0.4368,  
0.1000

254.4130, 0.2894,  
0.5148

# Harmonies

## Analogous

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



211.8420, -104.4381, 37.8496



201.7410, -74.8083, -39.2379



166.4430, -9.5854, -145.9705

# Triad

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



201.7410, -74.8083, -39.2379



178.7550, 37.5888, -156.7681



175.3040, 19.5701, 69.8934

# Complementary

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



201.7410, -74.8083, -39.2379



102.2590, 74.8083, 39.2379

# 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.



193.3650, 30.3861, 54.0539



201.7410, -74.8083, -39.2379



167.0150, 43.3766, -146.4722

# Square

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



201.7410, -74.8083, -39.2379



178.7550, 37.5888, -156.7681



218.8830, 17.8057, 29.0436



179.6050, -27.4133, 66.1214



# Rectangle

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



201.7410, -74.8083, -39.2379



173.8530, 18.8065, -152.4691



218.8830, 17.8057, 29.0436



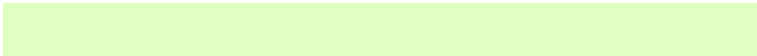
180.7130, 32.6795, 65.1497

# Sweetspot

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



201.7410, -74.8083, -39.2379



239.3750, -22.3699, -11.7299



166.7610, -57.5632, 76.5086



118.4000, -13.5082, -7.3668



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.



201.7410, -74.8083, -39.2379



192.3860, -89.9163, -46.8195



171.8410, -60.0676, -100.7156



124.4250, -4.6465, -3.0037



142.0170, -70.0144, -36.8489



47.4350, -23.3855, -12.6595



# Inverse Universe

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



102.2590, 74.8083, 39.2379



72.9130, 89.7689, 47.4343



132.1590, 60.0676, 100.7156



118.2760, 4.7939, 2.3889



48.9830, 70.0144, 36.8489

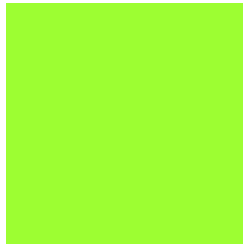


16.2660, 23.5329, 12.0447



# Previews

## White Background



This preview shows how the YUV color 201.7410, -74.8083, -39.2379 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

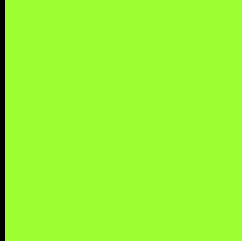
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.7410, -74.8083, -39.2379 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 201.7410, -74.8083, -39.2379 Background



This preview shows how black text looks on a background with the YUV color 201.7410, -74.8083, -39.2379.



This preview shows how white text looks on a background with the YUV color 201.7410, -74.8083, -39.2379.

-39.2379.

# 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

201.7410, -74.8083, -39.2379

### Protanopia

217.8330, -73.8677, 32.5955

### Deuteranopia

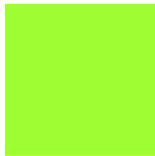
227.5520, -23.9361, 24.0719



## Tritanopia

222.9170, 15.8169, -33.2532

# Trichromacy



## Original Color

201.7410, -74.8083, -39.2379



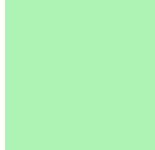
## Protanomaly

211.5540, -74.2231, 6.5301



## Deuteranomaly

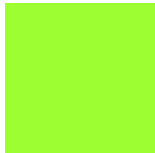
217.8870, -42.3423, 0.9761



## Tritanomaly

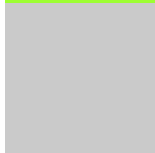
215.4860, -17.4946, -35.5062

# Monochromacy



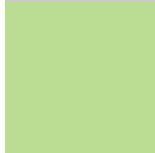
## Original Color

201.7410, -74.8083, -39.2379



## Achromatopsia

202.0000, 0.0000, 0.0000



## Achromatomaly

202.0990, -27.1638, -14.1188

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.7410, -74.8083, -39.2379 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(157, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(157, 254, 50)  
}
```

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(157, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 254, 50) }
```

## Border

The CSS property to change the border of an element to YUV 201.7410, -74.8083, -39.2379 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(157, 254, 50) }
```



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

```
.border{ border-color:rgb(157, 254, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 254, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(157, 254,  
50) }
```

# Background

The CSS property to change the background color of an element to YUV 201.7410, -74.8083, -39.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 254, 50) }
```

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

```
.background{ background-color: rgb(157,  
254, 50) }
```

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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