

# Converting Colors

YUV(239.3000, -42.0529,  
1.4909)

Have a look what the booklet for  
YUV(239.3000, -42.0529, 1.4909)  
contains.

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# Color

**YUV(239.3000, -42.0529,  
1.4909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FF9A
RGB	241, 255, 154
RGB Percent	95%, 100%, 60%
CMY	0.0549, 0.0000, 0.3961
CMYK	0.05, 0.00, 0.40, 0.00
HSL	68°, 100%, 80%
HSV	68°, 40%, 100%
XYZ	77.8684, 92.5539, 44.3324
YIQ	239.3000, 24.0770, -34.3790

# Conversions

## Conversions Part 2

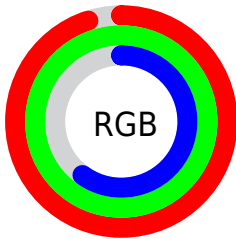
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 255, 168
Decimal	15859610
CIELab	97.05, -19.41, 46.67
CIELCh	97, 50.549, 112.585
Yxy	92.5539, 0.3626, 0.4310
Android (android.graphics.Color)	4294049690 (0xFFFF1FF9A)
YUV	239.3000, -42.0529, 1.4909
Hunter-Lab	96.2049, -23.8805, 40.0219

# Details

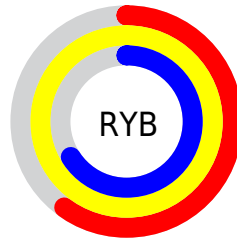
The YUV color **239.3000, -42.0529, 1.4909** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **169.7000, 42.0529, -1.4909**, and the grayscale version is **240.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.8700, -19.6559, 4.4990**, and **182.7560, -40.3057, 1.0910** is the 20% darker color. If you saturate the color by 10%, you get **235.2540, -52.3832, 1.5312**, and if you desaturate by 10%, it is **243.3460, -31.7226, 1.4506**.

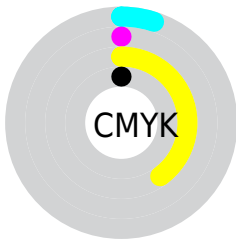
# Distribution



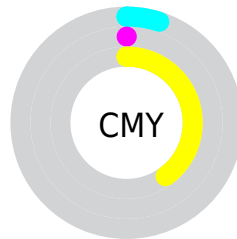
- Red (95%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.3000, -42.0529, 1.4909 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 239.3000, -42.0529, 1.4909 by changing the saturation by 10% instead.



239.3000,  
-42.0529, 1.4909

239.3000,  
-42.0529, 1.4909

255.0000, 0.0000,  
0.0000

210.5280,  
-41.1793, 1.2909

249.8700,  
-19.6559, 4.4990

182.7560,  
-40.3057, 1.0910

253.0620, -7.4256,  
1.6996

155.5710,  
-39.7215, 0.3762

129.3860,  
-39.1373, -0.3385

102.9730,  
-39.4267, -0.8533

77.9020, -38.4057,  
-1.6681

56.6380, -27.9225,

-4.0675

■ 35.9500, -17.7233,  
-8.7261

■ 17.0230, -8.3923,  
-14.9292

■ 239.3000,  
-42.0529, 1.4909

■ 239.3000,  
-42.0529, 1.4909

■ 235.2540,  
-52.3832, 1.5312

■ 243.3460,  
-31.7226, 1.4506

■ 231.3930,  
-63.2977, 2.2863

■ 247.2070,  
-20.8081, 0.6955

■ 227.3470,  
-73.6281, 2.3267

■ 251.3670,  
-10.0409, 0.5551

■ 223.4860,  
-84.5426, 3.0818

■ 255.0000, 0.0000,  
0.0000

■ 219.3260,  
-95.3097, 3.2221

■ 215.5790,  
-105.7874, 3.8772

■ 215.4650,  
-106.2242, 3.9772

# Harmonies

## Analogous

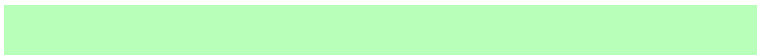
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.5240, -41.6703, 18.8345



239.3000, -42.0529, 1.4909



225.7910, -20.1100, -36.6507

# Triad

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



239.3000, -42.0529, 1.4909



195.7980, 29.1866, -121.7258



227.9980, 13.3120, 23.6808

# Complementary

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



239.3000, -42.0529, 1.4909



169.7000, 42.0529, -1.4909

# 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.



235.0420, 9.8393, 17.5032



239.3000, -42.0529, 1.4909



224.5020, 15.0355, -62.7073

# Square

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



239.3000, -42.0529, 1.4909



189.2200, 32.4295, -135.2509



238.7420, 8.0152, -4.1587



223.5690, -6.1965, 27.5650



# Rectangle

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



239.3000, -42.0529, 1.4909



216.3540, -0.6675, -66.0855



238.7420, 8.0152, -4.1587



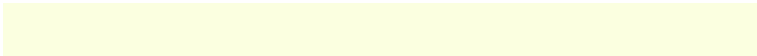
229.7590, 12.4438, 22.1364

# Sweetspot

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



239.3000, -42.0529, 1.4909



250.2700, -12.9511, 0.6402



191.8300, -18.6502, 55.4001



125.0510, -7.4201, -0.0447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

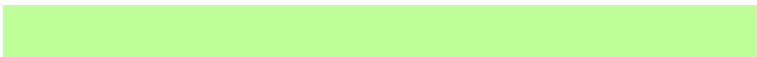
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.3000, -42.0529, 1.4909



236.0090, -50.7834, 1.7461



224.3500, -34.6825, -29.2479



125.9200, -5.3836, 0.0702



161.4520, -79.5958, 3.1116



54.0130, -26.6284, 0.8656



# Inverse Universe

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



169.7000, 42.0529, -1.4909



151.9910, 50.7834, -1.7461



184.6500, 34.6826, 29.2480



117.0800, 5.3836, -0.0702



29.8470, 79.4484, -2.4968

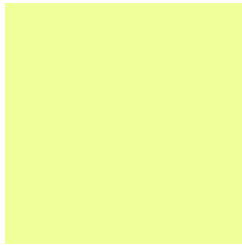


9.9870, 26.6284, -0.8656



# Previews

## White Background



This preview shows how the YUV color 239.3000, -42.0529, 1.4909 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

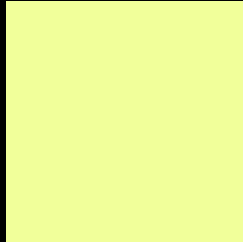
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.3000, -42.0529, 1.4909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

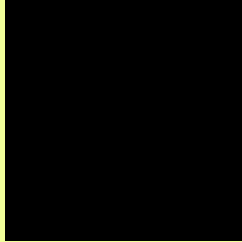
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 239.3000, -42.0529, 1.4909

## Background



This preview shows how black text looks on a background with the YUV color 239.3000, -42.0529, 1.4909.



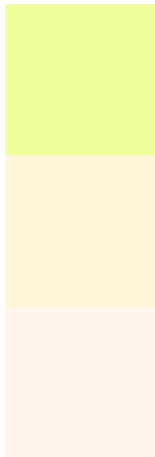
This preview shows how white text looks on a background with the YUV color 239.3000, -42.0529, 1.4909.

1.4909.

# 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

239.3000, -42.0529, 1.4909

### Protanopia

245.3850, -13.9938, 8.4324

### Deuteranopia

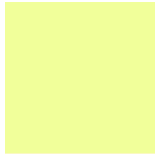
246.8500, -5.8420, 7.1476



## Tritanopia

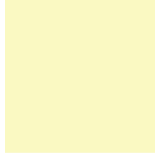
247.3470, 3.7729, 3.2037

# Trichromacy



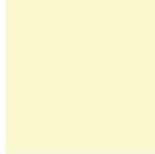
## Original Color

239.3000, -42.0529, 1.4909



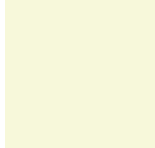
## Protanomaly

243.0290, -24.1713, 6.1136



## Deuteranomaly

244.3970, -18.9297, 4.9138



## Tritanomaly

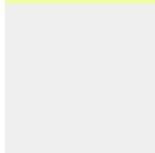
244.2810, -12.9565, 2.3846

# Monochromacy



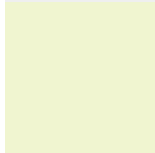
## Original Color

239.3000, -42.0529, 1.4909



## Achromatopsia

239.0000, 0.0000, 0.0000



## Achromatomaly

239.2870, -15.4245, 0.6253

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.3000, -42.0529, 1.4909 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(241, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 154)  
}
```

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(241, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 154) }
```

## Border

The CSS property to change the border of an element to YUV 239.3000, -42.0529, 1.4909 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(241, 255, 154) }
```



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

```
.border{ border-color:rgb(241, 255, 154) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 239.3000, -42.0529, 1.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 154) }
```

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

```
.background{ background-color: rgb(241,  
255, 154) }
```

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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