

# Converting Colors

YUV(149.3310, 41.7418, 4.9717)

Have a look what the booklet for  
YUV(149.3310, 41.7418, 4.9717)  
contains.

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# Color

**YUV(149.3310, 41.7418,  
4.9717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B82EA
RGB	155, 130, 234
RGB Percent	61%, 51%, 92%
CMY	0.3922, 0.4902, 0.0824
CMYK	0.34, 0.44, 0.00, 0.08
HSL	254°, 71%, 71%
HSV	254°, 44%, 92%
XYZ	36.3515, 28.8743, 81.4993
YIQ	149.3310, -18.4840, 37.6440

# Conversions

## Conversions Part 2

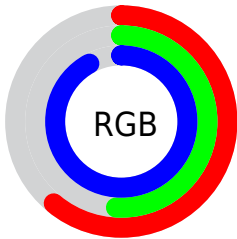
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 130, 234
Decimal	10191594
CIE <sub>Lab</sub>	60.67, 32.46, -49.40
CIE <sub>LCh</sub>	61, 59.111, 303.308
Yxy	28.8743, 0.2478, 0.1968
Android (android.graphics.Color)	4288381674 (0xFF9B82EA)
YUV	149.3310, 41.7418, 4.9717
Hunter-Lab	53.7348, 26.7188, -52.3103

# Details

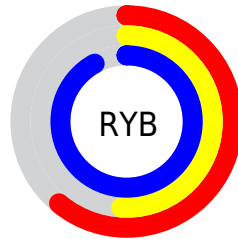
The YUV color **149.3310, 41.7418, 4.9717** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **214.6690, -41.7418, -4.9717**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8790, 27.1747, 10.6301**, and **97.1520, 39.8581, 2.4977** is the 20% darker color. If you saturate the color by 10%, you get **130.4480, 51.0511, 5.7461**, and if you desaturate by 10%, it is **168.2140, 32.4325, 4.1973**.

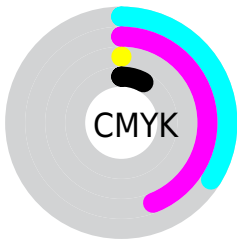
# Distribution



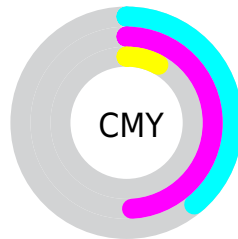
- Red (61%)
- Green (51%)
- Blue (92%)



- Red (61%)
- Yellow (51%)
- Blue (92%)



- Cyan (34%)
- Magenta (44%)
- Yellow (0%)
- Black (8%)



- Cyan (39%)
- Magenta (49%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.3310, 41.7418, 4.9717 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 149.3310, 41.7418, 4.9717 by changing the saturation by 10% instead.



■ 149.3310, 41.7418,  
4.9717

■ 149.3310, 41.7418,  
4.9717

255.0000, 0.0000,  
0.0000

■ 122.9780, 40.4368,  
3.5273

■ 199.8790, 27.1747,  
10.6301

■ 97.1520, 39.8581,  
2.4977

■ 224.9860, 14.7969,  
14.0443

■ 72.0870, 38.4111,  
-0.0763

■ 245.6080, 4.6303,  
8.2368

■ 47.2500, 37.8377,  
-2.8502

■ 20.4120, 38.7439,  
-13.5163

■ 8.4360, 32.3231,  
-7.3984

■ 8.0480, 20.6823,

-7.0581

■ 4.4800, 12.0884,  
-3.9290

■ 0.0000, 0.0000,  
0.0000

■ 149.3310, 41.7418,  
4.9717

■ 149.3310, 41.7418,  
4.9717

■ 130.4480, 51.0511,  
5.7461

■ 168.2140, 32.4325,  
4.1973

■ 110.9780, 60.6498,  
7.0353

■ 187.6840, 22.8338,  
2.9081

■ 92.3940, 69.8118,  
8.4245

■ 206.2680, 13.6719,  
1.5190

■ 72.9240, 79.4105,  
9.7137

■ 225.7380, 4.0732,  
0.2298

■ 54.0410, 88.7198,  
10.4880

■ 244.6210, -5.2362,  
-0.5446

■ 43.4200, 93.9559,  
11.0327

■ 252.6060, -9.1728,  
2.0995

# Harmonies

## Analogous

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



116.6640, 66.2276, -102.3143



149.3310, 41.7418, 4.9717



149.4980, 21.9395, 56.5683

# Triad

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



149.3310, 41.7418, 4.9717



142.4520, -45.5788, 59.2396



117.5910, 16.4706, -103.1273

# Complementary

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



149.3310, 41.7418, 4.9717



214.6690, -41.7418, -4.9717

# 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.



113.2620, -8.0172, -88.8068



149.3310, 41.7418, 4.9717



139.2400, -54.3483, 25.2225

# Square

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



149.3310, 41.7418, 4.9717



143.2740, -25.2781, 81.3207



133.9340, -40.3935, -17.4821



122.8180, 39.0367, -107.7114



# Rectangle

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



149.3310, 41.7418, 4.9717



145.7320, 7.0341, 77.4110



133.9340, -40.3935, -17.4821



115.4250, 8.1715, -101.2277

# Sweetspot

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



149.3310, 41.7418, 4.9717



228.1540, 13.2351, 1.6189



188.8160, 22.2757, -51.5816



110.8890, 8.4357, 0.9743



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.



149.3310, 41.7418, 4.9717



144.9580, 54.2507, 6.1758



164.5800, 34.2241, 36.3253



107.8520, 4.5100, 0.1298



33.7900, 72.5745, 8.9542



10.0430, 21.6708, 2.5933



# Inverse Universe

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



170.1020, 19.1767, 56.0385



172.1070, 25.0902, 72.6972



199.4200, -34.2241, -36.3253



110.2010, 1.8729, 5.9627



69.8510, 33.5975, 97.4777

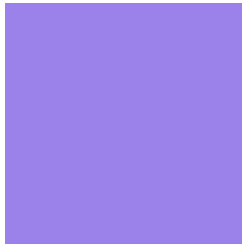


20.8200, 9.9487, 29.0989



# Previews

## White Background



This preview shows how the YUV color 149.3310, 41.7418, 4.9717 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

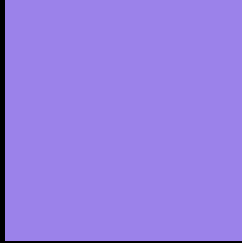
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 149.3310, 41.7418, 4.9717 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

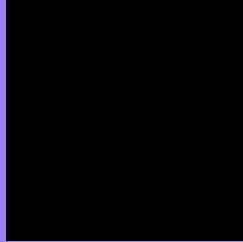
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 149.3310, 41.7418, 4.9717

## Background



This preview shows how black text looks on a background with the YUV color 149.3310, 41.7418, 4.9717.



This preview shows how white text looks on a background with the YUV color 149.3310, 41.7418,



# 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

149.3310, 41.7418, 4.9717

### Protanopia

142.7820, 50.8865, -34.8888

### Deuteranopia

141.8220, 43.4718, -36.6779



## Tritanopia

145.9760, 6.4208, -6.1180

# Trichromacy



## Original Color

149.3310, 41.7418, 4.9717

## Protanomaly

145.0720, 47.7855, -20.2341

## Deuteranomaly

144.3940, 42.6968, -21.3935

## Tritanomaly

147.3260, 19.0663, -2.0399

# Monochromacy



## Original Color

149.3310, 41.7418, 4.9717

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.0230, 15.2717, 1.7338

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.3310, 41.7418, 4.9717 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(155, 130, 234)` looks like.

```
.text, #text, p{  
    color:rgb(155, 130, 234)  
}
```

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(155, 130, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 130, 234) }
```

## Border

The CSS property to change the border of an element to YUV 149.3310, 41.7418, 4.9717 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(155, 130, 234) }
```



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

```
.border{ border-color:rgb(155, 130, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 130, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 130, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 130, 234);  
box-shadow:4px 4px 4px 4px rgb(155, 130,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 149.3310, 41.7418, 4.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 130, 234) }
```

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

```
.background{ background-color: rgb(155,  
130, 234) }
```

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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