

# Converting Colors

YUV(169.1790, 42.3098, 9.4900)

Have a look what the booklet for  
YUV(169.1790, 42.3098, 9.4900)  
contains.

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# Color

**YUV(169.1790, 42.3098,  
9.4900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B493FF
RGB	180, 147, 255
RGB Percent	71%, 58%, 100%
CMY	0.2941, 0.4235, 0.0000
CMYK	0.29, 0.42, 0.00, 0.00
HSL	258°, 100%, 79%
HSV	258°, 42%, 100%
XYZ	47.3061, 37.7907, 99.4088
YIQ	169.1790, -15.0000, 40.5840

# Conversions

## Conversions Part 2

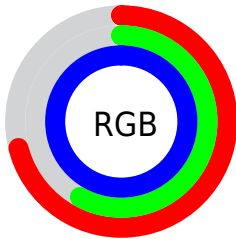
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 147, 255
Decimal	11834367
CIE <sub>Lab</sub>	67.87, 34.75, -49.43
CIE <sub>LCh</sub>	68, 60.420, 305.112
Yxy	37.7907, 0.2564, 0.2048
Android (android.graphics.Color)	4290024447 (0xFFB493FF)
YUV	169.1790, 42.3098, 9.4900
Hunter-Lab	61.4742, 29.7810, -52.8449

# Details

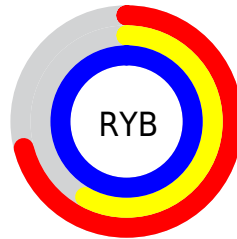
The YUV color **169.1790, 42.3098, 9.4900** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **232.8210, -42.3098, -9.4900**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2190, 18.1330, 17.3479**, and **116.0000, 40.4260, 7.0160** is the 20% darker color. If you saturate the color by 10%, you get **149.1220, 52.1979, 11.2940**, and if you desaturate by 10%, it is **189.2360, 32.4217, 7.6860**.

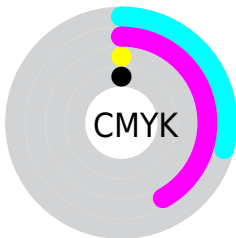
# Distribution



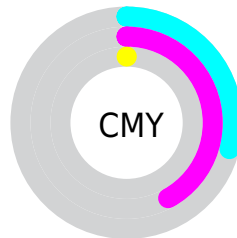
- Red (71%)
- Green (58%)
- Blue (100%)



- Red (71%)
- Yellow (58%)
- Blue (100%)



- Cyan (29%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.1790, 42.3098, 9.4900 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 169.1790, 42.3098, 9.4900 by changing the saturation by 10% instead.



169.1790, 42.3098,  
9.4900

169.1790, 42.3098,  
9.4900

255.0000, 0.0000,  
0.0000

142.2390, 41.2942,  
8.5604

218.2190, 18.1330,  
17.3479

116.0000, 40.4260,  
7.0160

240.3250, 7.2348,  
12.8700

90.6470, 39.1210,  
5.5716

65.4080, 38.2529,  
4.0272

40.8590, 37.5375,  
0.1237

13.1350, 38.8804,  
-10.6424

7.7520, 29.7023,

-6.7985

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,  
-2.8143

■ 169.1790, 42.3098,  
9.4900

■ 169.1790, 42.3098,  
9.4900

■ 149.1220, 52.1979,  
11.2940

■ 189.2360, 32.4217,  
7.6860

■ 128.7770, 62.2279,  
14.2276

■ 209.5810, 22.3916,  
4.7525

■ 108.1330, 72.4054,  
16.5464

■ 230.2250, 12.2141,  
2.4337

■ 88.0760, 82.2935,  
18.3503

■ 250.2820, 2.3260,  
0.6297

■ 67.4320, 92.4710, 255.0000, 0.0000,  
20.6691 0.0000

■ 52.3920, 99.8857,  
22.4582

# Harmonies

## Analogous

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



147.1210, 53.1843, -72.0201



169.1790, 42.3098, 9.4900



169.0040, 21.1970, 61.3865

# Triad

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



169.1790, 42.3098, 9.4900



162.0670, -48.3470, 60.4542



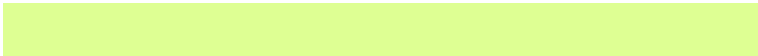
132.4260, 20.0030, -116.1376

# Complementary

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



169.1790, 42.3098, 9.4900



232.8210, -42.3098, -9.4900

# 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.



134.1480, -8.4540, -88.7068



169.1790, 42.3098, 9.4900



158.4140, -54.9271, 24.1929

# Square

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



169.1790, 42.3098, 9.4900



161.7040, -27.4621, 81.8206



152.2110, -40.5300, -20.3560



137.4080, 44.1689, -120.5068



# Rectangle

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



169.1790, 42.3098, 9.4900



164.5150, 6.1551, 79.3553



152.2110, -40.5300, -20.3560



129.6730, 11.9932, -113.7232

# Sweetspot

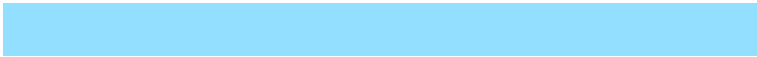
The Sweet Spot groups the original color and five complimentary colors.



169.1790, 42.3098, 9.4900



228.7520, 12.9403, 2.8485



203.9240, 25.1805, -49.9223



111.1880, 8.2883, 1.5891



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.



169.1790, 42.3098, 9.4900



151.7800, 50.8875, 11.5939



185.0260, 34.4972, 42.0732



117.6780, 5.0887, 1.1594



39.1160, 74.8788, 16.5613



12.9770, 25.1543, 5.2822



# Inverse Universe

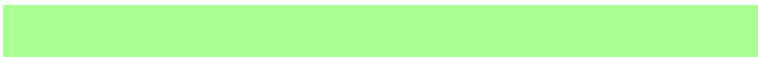
The Inverse Universe completely reimagines the original color for something new.



187.8420, 16.8399, 58.8976



174.1300, 20.1489, 70.9230



216.9740, -34.4972, -42.0732



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253

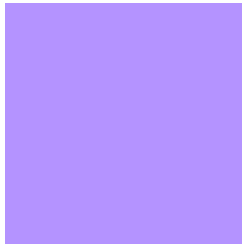


24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 169.1790, 42.3098, 9.4900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

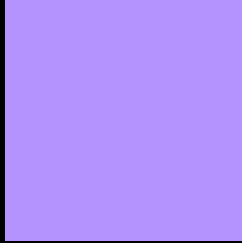
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.1790, 42.3098, 9.4900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

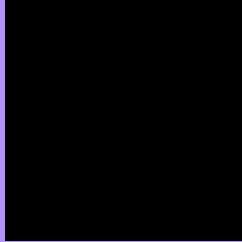
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 169.1790, 42.3098, 9.4900

## Background



This preview shows how black text looks on a background with the YUV color 169.1790, 42.3098, 9.4900.



This preview shows how white text looks on a background with the YUV color 169.1790, 42.3098, 9.4900.

9.4900.

# 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

169.1790, 42.3098, 9.4900

### Protanopia

163.3330, 45.1918, -28.3560

### Deuteranopia

162.5450, 43.6083, -33.8040



## Tritanopia

165.7810, 5.5310, -0.6849

# Trichromacy



## Original Color

169.1790, 42.3098, 9.4900

## Protanomaly

165.7800, 43.9855, -14.7161

## Deuteranomaly

164.5300, 43.1227, -18.0048

## Tritanomaly

166.9460, 18.7606, 2.6784

# Monochromacy



## Original Color

169.1790, 42.3098, 9.4900

## Achromatopsia

169.0000, 0.0000, 0.0000

## Achromatomaly

169.0340, 15.2662, 3.4782

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.1790, 42.3098, 9.4900 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(180, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 147, 255)  
}
```

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(180, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 147, 255) }
```

## Border

The CSS property to change the border of an element to YUV 169.1790, 42.3098, 9.4900 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(180, 147, 255) }
```



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

```
.border{ border-color:rgb(180, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 147,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 169.1790, 42.3098, 9.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 147, 255) }
```

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

```
.background{ background-color: rgb(180,  
147, 255) }
```

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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