

# Converting Colors

YUV(174.1740, 39.8472, 5.9864)

Have a look what the booklet for  
YUV(174.1740, 39.8472, 5.9864)  
contains.

<b>YUV(174.1740, 39.8472, 5.9864)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(174.1740, 39.8472,  
5.9864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59BFF
RGB	181, 155, 255
RGB Percent	71%, 61%, 100%
CMY	0.2902, 0.3922, 0.0000
CMYK	0.29, 0.39, 0.00, 0.00
HSL	256°, 100%, 80%
HSV	256°, 39%, 100%
XYZ	48.8274, 40.4864, 99.8489
YIQ	174.1740, -16.6040, 36.6120

# Conversions

## Conversions Part 2

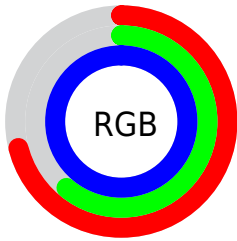
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 155, 255</a>
Decimal	<a href="#">11901951</a>
CIELab	<a href="#">69.81, 30.56, -46.35</a>
CIELCh	<a href="#">70, 55.518, 303.394</a>
Yxy	<a href="#">40.4864, 0.2581, 0.2140</a>
Android (android.graphics.Color)	<a href="#">4290092031 (0xFFB59BFF)</a>
YUV	<a href="#">174.1740, 39.8472, 5.9864</a>
Hunter-Lab	<a href="#">63.6290, 25.6261, -48.4998</a>

# Details

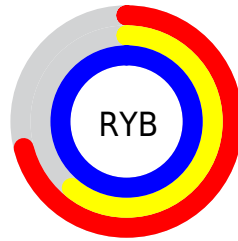
The YUV color **174.1740, 39.8472, 5.9864** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **235.8260, -39.8472, -5.9864**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8010, 15.3811, 13.3295**, and **120.9950, 37.9635, 3.5124** is the 20% darker color. If you saturate the color by 10%, you get **153.8180, 49.8827, 7.1756**, and if you desaturate by 10%, it is **194.5300, 29.8117, 4.7972**.

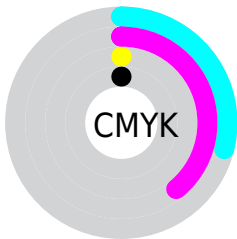
# Distribution



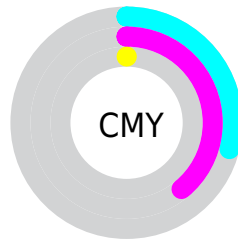
- Red (71%)
- Green (61%)
- Blue (100%)



- Red (71%)
- Yellow (61%)
- Blue (100%)



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.1740, 39.8472, 5.9864 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 174.1740, 39.8472, 5.9864 by changing the saturation by 10% instead.



174.1740, 39.8472,  
5.9864

174.1740, 39.8472,  
5.9864

255.0000, 0.0000,  
0.0000

147.2340, 38.8316,  
5.0568

223.8010, 15.3811,  
13.3295

120.9950, 37.9635,  
3.5124

245.0210, 4.9196,  
8.7516

95.0550, 36.9479,  
2.5828

70.4030, 35.7903,  
0.5236

46.4520, 34.7802,  
-2.1504

20.5110, 35.2441,  
-10.9721

7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,  
-6.0434

■ 3.2090, 9.7570,  
-2.8143

■ 174.1740, 39.8472,  
5.9864

■ 174.1740, 39.8472,  
5.9864

■ 153.8180, 49.8827,  
7.1756

■ 194.5300, 29.8117,  
4.7972

■ 132.8750, 60.2076,  
8.8796

■ 215.4730, 19.4868,  
3.0932

■ 112.5190, 70.2431,  
10.0688

■ 236.4160, 9.1619,  
1.3892

■ 91.8750, 80.4206,  
12.3876

■ 255.0000, 0.0000,  
0.0000

■ 70.9320, 90.7455,  
14.0916

■ 50.5760, 100.7810,  
15.2808

■ 48.8040, 101.6546,  
15.0809

# Harmonies

## Analogous

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



156.0250, 48.7947, -64.0429



174.1740, 39.8472, 5.9864



175.4330, 20.4925, 53.9943

# Triad

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



174.1740, 39.8472, 5.9864



168.0220, -43.3948, 58.7397



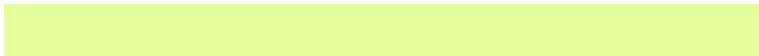
135.0020, 19.7190, -118.3968

# Complementary

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



174.1740, 39.8472, 5.9864



235.8260, -39.8472, -5.9864

# 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.



147.6560, -12.1554, -68.1043



174.1740, 39.8472, 5.9864



165.2060, -49.4016, 25.2523

# Square

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



174.1740, 39.8472, 5.9864



168.3550, -24.8250, 75.9877



159.8140, -38.3623, -15.6229



139.5280, 42.1377, -122.3661



# Rectangle

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



174.1740, 39.8472, 5.9864



172.3570, 5.7400, 72.4779



159.8140, -38.3623, -15.6229



132.3630, 12.1460, -116.0824

# Sweetspot

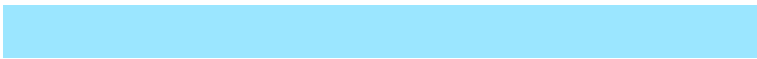
The Sweet Spot groups the original color and five complimentary colors.



174.1740, 39.8472, 5.9864



229.9260, 12.3615, 1.8189



210.4250, 21.9755, -48.6077



113.2480, 7.2727, 0.6595



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.



174.1740, 39.8472, 5.9864



157.9490, 47.8461, 7.0607



188.8250, 32.6243, 36.1105



117.3790, 5.2362, 0.5446



36.7240, 76.0581, 11.6431



12.3790, 25.4492, 4.0526



# Inverse Universe

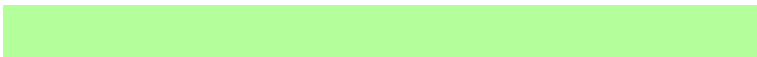
The Inverse Universe completely reimagines the original color for something new.



193.3360, 17.5824, 54.0793



181.0260, 21.1862, 64.8752



221.1750, -32.6243, -36.1105



119.9130, 2.0149, 7.0923



73.2970, 33.8706, 103.2255

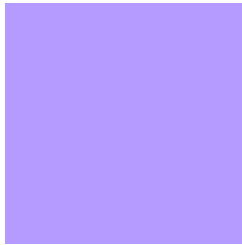


24.4940, 11.0955, 34.6468



# Previews

## White Background



This preview shows how the YUV color 174.1740, 39.8472, 5.9864 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

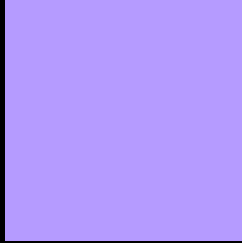
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.1740, 39.8472, 5.9864 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

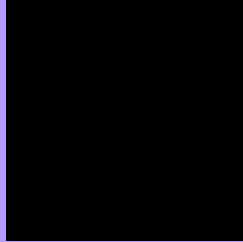
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 174.1740, 39.8472, 5.9864

## Background



This preview shows how black text looks on a background with the YUV color 174.1740, 39.8472, 5.9864.



This preview shows how white text looks on a background with the YUV color 174.1740, 39.8472, 5.9864.



# 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

174.1740, 39.8472, 5.9864

### Protanopia

169.5460, 42.1288, -25.9118

### Deuteranopia

168.2960, 41.2661, -29.2006



## Tritanopia

170.6990, 6.5574, -3.2440

# Trichromacy



## Original Color

174.1740, 39.8472, 5.9864

## Protanomaly

171.0960, 41.3647, -14.1162

## Deuteranomaly

170.5580, 40.6439, -16.2754

## Tritanomaly

172.2230, 18.6241, -0.1956

# Monochromacy



## Original Color

174.1740, 39.8472, 5.9864

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

174.0940, 14.2507, 2.5486

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.1740, 39.8472, 5.9864 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(181, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 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(181, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 255) }
```

## Border

The CSS property to change the border of an element to YUV 174.1740, 39.8472, 5.9864 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".

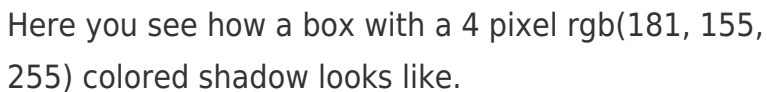
```
.border, #border, table{ border:4px solid rgb(181, 155, 255) }
```



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

```
.border{ border-color:rgb(181, 155, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 174.1740, 39.8472, 5.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 255) }
```

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

```
.background{ background-color: rgb(181,  
155, 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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