

# Converting Colors

YUV(139.7460, 49.4252,  
60.7358)

Have a look what the booklet for  
YUV(139.7460, 49.4252, 60.7358)  
contains.

<b>YUV(139.7460, 49.4252, 60.7358)</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(139.7460, 49.4252,  
60.7358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D155F0
RGB	209, 85, 240
RGB Percent	82%, 33%, 94%
CMY	0.1804, 0.6667, 0.0588
CMYK	0.13, 0.65, 0.00, 0.06
HSL	288°, 84%, 64%
HSV	288°, 65%, 94%
XYZ	45.2712, 26.3436, 85.1368
YIQ	139.7460, 24.1490, 74.4930

# Conversions

## Conversions Part 2

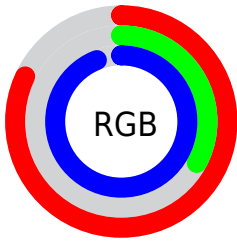
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 85, 240
Decimal	13719024
CIE <sub>Lab</sub>	58.36, 69.95, -56.04
CIE <sub>LCh</sub>	58, 89.635, 321.300
Yxy	26.3436, 0.2888, 0.1681
Android (android.graphics.Color)	4291909104 (0xFFD155F0)
YUV	139.7460, 49.4252, 60.7358
Hunter-Lab	51.3260, 67.6222, -62.4189

# Details

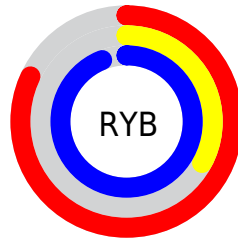
The YUV color **139.7460, 49.4252, 60.7358** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **185.2540, -49.4252, -60.7358**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6690, 32.7012, 58.1723**, and **74.2290, 53.6241, 67.3282** is the 20% darker color. If you saturate the color by 10%, you get **124.1630, 57.1076, 70.0170**, and if you desaturate by 10%, it is **155.3290, 41.7428, 51.4545**.

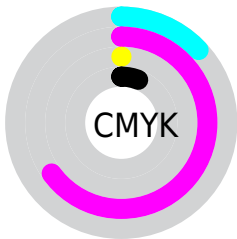
# Distribution



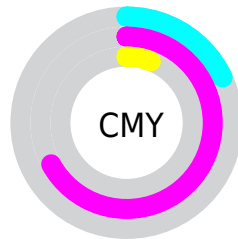
- Red (82%)
- Green (33%)
- Blue (94%)



- Red (82%)
- Yellow (33%)
- Blue (94%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (67%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.7460, 49.4252, 60.7358 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 139.7460, 49.4252, 60.7358 by changing the saturation by 10% instead.





 139.7460, 49.4252,  
60.7358


 139.7460, 49.4252,  
60.7358


255.0000, 0.0000,  
0.0000


 110.1590, 49.7146,  
61.2506


 188.6690, 32.7012,  
58.1723

 74.2290, 53.6241,  
67.3282


 205.6920, 24.3088,  
43.2431


 54.2620, 50.1568,  
59.4062

 222.7150, 15.9165,  
28.3139

 42.8120, 42.4907,  
44.8919

 239.7380, 7.5242,  
13.3848

 31.4760, 35.2613,  
30.2775

 20.5530, 28.3214,  
16.1780

 6.1560, 23.5871,

-5.3988

■ 4.8220, 13.3988,  
-4.2289

■ 0.4560, 1.7472,  
-0.3999

■ 139.7460, 49.4252,  
60.7358

■ 139.7460, 49.4252,  
60.7358

■ 124.1630, 57.1076,  
70.0170

■ 155.3290, 41.7428,  
51.4545

■ 108.5800, 64.7901,  
79.2983

■ 170.9120, 34.0604,  
42.1732

■ 93.2960, 72.3251,  
89.1944

■ 186.1960, 26.5254,  
32.2771

■ 84.7680, 76.5294,  
94.0425

■ 201.7790, 18.8430,  
22.9958

217.3620, 11.1605,  
13.7145

232.9450, 3.4781,  
4.4332

248.5280, -4.2043,  
-4.8481

250.8980, -5.3727,  
-3.4185

252.3930, -6.1097,  
-0.3447

# Harmonies

## Analogous

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



121.2270, 65.9501, -59.8351



139.7460, 49.4252, 60.7358



105.2620, 30.4368, 131.3202

# Triad

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



139.7460, 49.4252, 60.7358



132.2340, -65.1914, 49.7838



123.8950, 35.5478, -108.6559

# Complementary

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



139.7460, 49.4252, 60.7358



185.2540, -49.4252, -60.7358

# 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.



113.9600, 0.0197, -99.9429



139.7460, 49.4252, 60.7358



124.7940, -61.5234, -6.8353

# Square

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



139.7460, 49.4252, 60.7358



125.4870, -61.8651, 103.0589



99.7220, -39.3029, -87.4562



128.8600, 62.1870, -113.0102



# Rectangle

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



139.7460, 49.4252, 60.7358



89.3550, 12.6430, 145.2707



99.7220, -39.3029, -87.4562



120.8170, 23.7542, -105.9565

# Sweetspot

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



139.7460, 49.4252, 60.7358



223.8340, 15.3648, 18.5626



120.8670, 58.7326, -31.4554



108.5960, 9.5662, 11.7553



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.



139.7460, 49.4252, 60.7358



126.2270, 63.4851, 77.8539



143.7710, 24.7629, 84.3928



112.0590, 3.9149, 4.3333



64.9290, 58.7020, 71.9763



19.8390, 17.8274, 22.0662



# Inverse Universe

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



134.8790, -9.3073, 92.1911



120.0610, -11.8621, 118.3415



181.3430, -24.3261, -84.4928



111.8160, -0.8953, 7.1774



59.2340, -10.9614, 109.4198

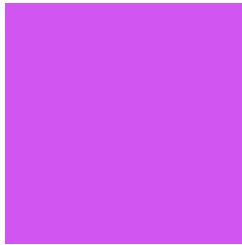


17.9980, -3.4500, 33.3278



# Previews

## White Background



This preview shows how the YUV color 139.7460, 49.4252, 60.7358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

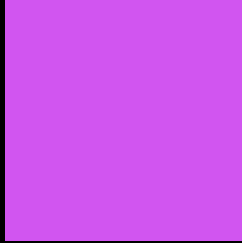
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.7460, 49.4252, 60.7358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

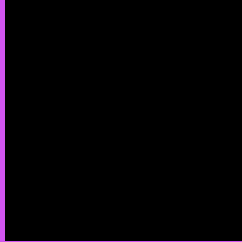
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.7460, 49.4252, 60.7358

## Background



This preview shows how black text looks on a background with the YUV color 139.7460, 49.4252, 60.7358.



This preview shows how white text looks on a background with the YUV color 139.7460, 49.4252, 60.7358.



# 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

139.7460, 49.4252, 60.7358

### Protanopia

133.7080, 59.7970, -46.2249

### Deuteranopia

134.1030, 47.2772, -43.9403



## Tritanopia

142.4510, -7.1243, 45.2085

# Trichromacy



## Original Color

139.7460, 49.4252, 60.7358



## Protanomaly

136.0380, 56.1833, -7.0493



## Deuteranomaly

136.2740, 48.1789, -6.3793



## Tritanomaly

141.5760, 13.5200, 50.3608

# Monochromacy



## Original Color

139.7460, 49.4252, 60.7358



## Achromatopsia

140.0000, 0.0000, 0.0000



## Achromatomaly

139.8390, 17.8274, 22.0662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.7460, 49.4252, 60.7358 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(209, 85, 240)` looks like.

```
.text, #text, p{  
    color:rgb(209, 85, 240)  
}
```

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(209, 85, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 85, 240) }
```

## Border

The CSS property to change the border of an element to YUV 139.7460, 49.4252, 60.7358 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(209, 85, 240) }
```



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

```
.border{ border-color:rgb(209, 85, 240) }
```

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

Here you see how a box with a 4 pixel rgb(209, 85, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 85, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 85, 240);  
box-shadow:4px 4px 4px 4px rgb(209, 85,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 139.7460, 49.4252, 60.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 85, 240) }
```

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

```
.background{ background-color: rgb(209, 85,  
240) }
```

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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