

# Converting Colors

YUV(139.4560, 28.8622,  
29.4181)

Have a look what the booklet for  
YUV(139.4560, 28.8622, 29.4181)  
contains.

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# Color

**YUV(139.4560, 28.8622,  
29.4181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD6FC6
RGB	173, 111, 198
RGB Percent	68%, 44%, 78%
CMY	0.3216, 0.5647, 0.2235
CMYK	0.13, 0.44, 0.00, 0.22
HSL	283°, 43%, 61%
HSV	283°, 44%, 78%
XYZ	33.1111, 24.3303, 56.3772
YIQ	139.4560, 9.0250, 40.2010

# Conversions

## Conversions Part 2

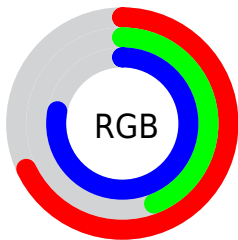
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 111, 198
Decimal	11366342
CIELab	56.42, 39.67, -35.74
CIELCh	56, 53.399, 317.983
Yxy	24.3303, 0.2909, 0.2138
Android (android.graphics.Color)	4289556422 (0xFFAD6FC6)
YUV	139.4560, 28.8622, 29.4181
Hunter-Lab	49.3258, 33.5021, -33.2378

# Details

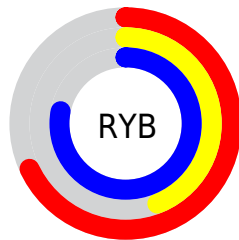
The YUV color  $139.4560, 28.8622, 29.4181$  is a light color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $169.5440, -28.8622, -29.4181$ , and the grayscale version is  $139.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $194.1080, 30.0198, 31.4773$ , and  $87.8040, 27.7046, 27.3589$  is the 20% darker color. If you saturate the color by 10%, you get  $125.9220, 35.5345, 36.0254$ , and if you desaturate by 10%, it is  $152.9900, 22.1899, 22.8108$ .

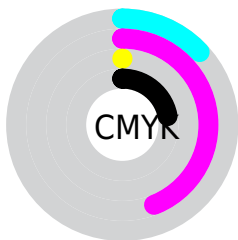
# Distribution



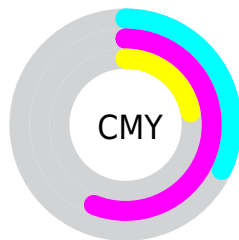
- Red (68%)
- Green (44%)
- Blue (78%)



- Red (68%)
- Yellow (44%)
- Blue (78%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (22%)




- Cyan (32%)
- Magenta (56%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.4560, 28.8622, 29.4181 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 139.4560, 28.8622, 29.4181 by changing the saturation by 10% instead.





 139.4560, 28.8622,  
29.4181


 139.4560, 28.8622,  
29.4181


255.0000, 0.0000,  
0.0000


 113.5160, 27.8466,  
28.4885


 194.1080, 30.0198,  
31.4773

 87.8040, 27.7046,  
27.3589


 218.0190, 18.2316,  
32.4323


 62.3910, 27.4152,  
26.8441

 234.4550, 10.1287,  
18.0180

 35.9180, 28.1414,  
27.2589

 251.4780, 1.7363,  
3.0888

 20.4240, 23.9480,  
18.9222

 10.9250, 17.2920,  
7.0818

 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 139.4560, 28.8622,  
29.4181

■ 139.4560, 28.8622,  
29.4181

■ 125.9220, 35.5345,  
36.0254

■ 152.9900, 22.1899,  
22.8108

■ 112.6870, 42.0593,  
43.2475

■ 166.2250, 15.6651,  
15.5887

■ 99.7400, 48.4422,  
49.3400

■ 179.1720, 9.2822,  
9.4962

■ 86.2060, 55.1144,  
55.9473

■ 192.7060, 2.6099,  
2.8888

■ 72.9710, 61.6393,  
63.1694

■ 205.9410, -3.9149,  
-4.3333

■ 64.7310, 65.7016,  
66.8879

■ 219.4750,  
-10.5872, -10.9406

■ 233.0090,  
-17.2594, -17.5479

■ 237.7380,  
-19.5908, -16.4332

■ 239.2330,  
-20.3279, -13.3593

# Harmonies

## Analogous

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



132.9310, 44.8970, -27.1265



139.4560, 28.8622, 29.4181



136.3390, 9.6929, 64.6007

# Triad

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



139.4560, 28.8622, 29.4181



130.9180, -45.8086, 39.5369



111.3280, 25.4743, -97.6347

# Complementary

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



139.4560, 28.8622, 29.4181



169.5440, -28.8622, -29.4181

# 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.



105.1550, 4.3606, -92.2209



139.4560, 28.8622, 29.4181



126.8660, -43.8109, 5.3795

# Square

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



139.4560, 28.8622, 29.4181



133.0410, -32.0652, 64.8620



119.9390, -24.6199, -36.7805



114.1270, 43.8144, -100.0894



# Rectangle

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



139.4560, 28.8622, 29.4181



134.0340, -4.4538, 75.3922



119.9390, -24.6199, -36.7805



109.5040, 18.4855, -96.0350

# Sweetspot

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



139.4560, 28.8622, 29.4181



232.6390, 11.0240, 10.8406



136.1800, 30.4773, -22.0829



113.8790, 6.9617, 7.1221



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.



139.4560, 28.8622, 29.4181



164.0940, 44.8167, 45.5216



144.9930, 17.7515, 46.4871



93.1190, 2.8993, 3.4036



53.2660, 54.0989, 55.0177



11.5790, 12.0396, 11.7702



# Inverse Universe

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



139.8630, -1.9045, 50.9861



164.8110, -2.8648, 79.0958



164.0070, -17.7515, -46.4871



92.9190, -0.4531, 5.3330



54.0950, -3.4978, 95.5097



11.9040, -0.9387, 21.1322



# Previews

## White Background



This preview shows how the YUV color 139.4560, 28.8622, 29.4181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

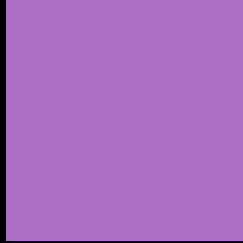
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.4560, 28.8622, 29.4181 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

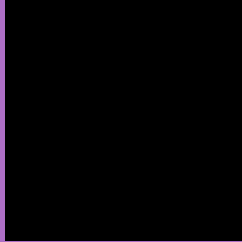
Any Text WCAG AA ✓ Pass

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 139.4560, 28.8622, 29.4181 Background



This preview shows how black text looks on a background with the YUV color 139.4560, 28.8622, 29.4181.



This preview shows how white text looks on a background with the YUV color 139.4560, 28.8622, 29.4181.



# 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

139.4560, 28.8622, 29.4181

### Protanopia

133.9050, 40.9658, -26.2267

### Deuteranopia

134.8600, 29.1560, -18.2942



## Tritanopia

137.8010, -1.3809, 22.9765

# Trichromacy



## Original Color

139.4560, 28.8622, 29.4181



## Protanomaly

135.8860, 36.5382, -6.0390



## Deuteranomaly

136.5570, 28.8124, -1.3655



## Tritanomaly

138.3850, 9.6702, 25.0954

# Monochromacy



## Original Color

139.4560, 28.8622, 29.4181



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

139.1120, 10.2978, 10.4258

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.4560, 28.8622, 29.4181 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(173, 111, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 111, 198)  
}
```

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(173, 111, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 111, 198) }
```

## Border

The CSS property to change the border of an element to YUV 139.4560, 28.8622, 29.4181 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(173, 111, 198) }
```



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

```
.border{ border-color:rgb(173, 111, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 111, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 111, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 111, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 111,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 139.4560, 28.8622, 29.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 111, 198) }
```

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

```
.background{ background-color: rgb(173,  
111, 198) }
```

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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