

# Converting Colors

YUV(154.1090, 28.5403,  
39.3694)

Have a look what the booklet for  
YUV(154.1090, 28.5403, 39.3694)  
contains.

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# Color

**YUV(154.1090, 28.5403,  
39.3694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C778D4
RGB	199, 120, 212
RGB Percent	78%, 47%, 83%
CMY	0.2196, 0.5294, 0.1686
CMYK	0.06, 0.43, 0.00, 0.17
HSL	292°, 52%, 65%
HSV	292°, 43%, 83%
XYZ	42.1533, 30.3285, 65.9196
YIQ	154.1090, 17.5520, 45.3600

# Conversions

## Conversions Part 2

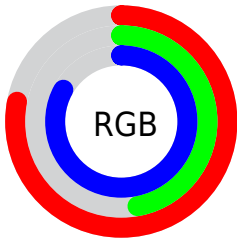
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 120, 212</a>
Decimal	<a href="#">13072596</a>
CIELab	<a href="#">61.94, 45.37, -34.82</a>
CIELCh	<a href="#">62, 57.189, 322.494</a>
Yxy	<a href="#">30.3285, 0.3046, 0.2191</a>
Android (android.graphics.Color)	<a href="#">4291262676 (0xFFC778D4)</a>
YUV	<a href="#">154.1090, 28.5403, 39.3694</a>
Hunter-Lab	<a href="#">55.0713, 40.2546, -32.4194</a>

# Details

The YUV color  $154.1090, 28.5403, 39.3694$  is a light color, and the websafe version is hex  $CC66CC$ . A complement of this color would be  $177.8910, -28.5403, -39.3694$ , and the grayscale version is  $154.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $207.4530, 23.4407, 41.6987$ , and  $100.5710, 27.8195, 37.2102$  is the 20% darker color. If you saturate the color by 10%, you get  $140.8850, 35.0597, 48.3359$ , and if you desaturate by 10%, it is  $167.3330, 22.0208, 30.4030$ .

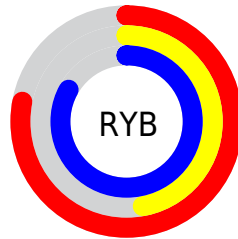
# Distribution



Red (78%)

Green (47%)

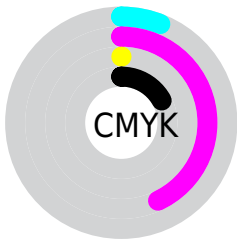
Blue (83%)



Red (78%)

Yellow (47%)

Blue (83%)

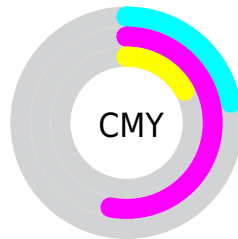


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (53%)


Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 154.1090, 28.5403, 39.3694 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 154.1090, 28.5403, 39.3694 by changing the saturation by 10% instead.





 154.1090, 28.5403,  
39.3694


 154.1090, 28.5403,  
39.3694


255.0000, 0.0000,  
0.0000


 127.2830, 27.9615,  
38.3398


 207.4530, 23.4407,  
41.6987


 100.5710, 27.8195,  
37.2102


 223.8890, 15.3377,  
27.2843

 74.2720, 27.9669,  
36.5955

 240.9120, 6.9454,  
12.3552

 46.5110, 28.8351,  
38.1399

 28.3700, 25.9466,  
31.2475

 19.0560, 18.7064,  
20.1219

 4.5880, 14.9931,

-2.2697

■ 1.0260, 3.9312,  
-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 154.1090, 28.5403,  
39.3694

■ 154.1090, 28.5403,  
39.3694

■ 140.8850, 35.0597,  
48.3359

■ 167.3330, 22.0208,  
30.4030

■ 127.6610, 41.5791,  
57.3023

■ 180.5570, 15.5014,  
21.4365

■ 113.8500, 48.3880,  
66.7836

■ 194.3680, 8.6926,  
11.9553

■ 100.6260, 54.9074,  
75.7500

■ 207.5920, 2.1731,  
2.9888

87.4020, 61.4268,  
84.7164

220.8160, -4.3463,  
-5.9776

78.5860, 65.7731,  
90.6941

234.0400,  
-10.8657, -14.9441

239.6330,  
-13.6231, -17.2181

240.5300,  
-14.0653, -15.3738

241.4270,  
-14.5075, -13.5295

# Harmonies

## Analogous

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



149.4420, 46.6171, -18.8046



154.1090, 28.5403, 39.3694



150.1230, 7.3344, 74.4371

# Triad

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



154.1090, 28.5403, 39.3694



144.6420, -50.6025, 37.1480



123.4560, 31.3272, -108.2709

# Complementary

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



154.1090, 28.5403, 39.3694



177.8910, -28.5403, -39.3694

# 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.



116.9410, 8.9031, -102.5573



154.1090, 28.5403, 39.3694



140.0780, -45.3945, -0.0684

# Square

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



154.1090, 28.5403, 39.3694



147.1570, -38.0384, 67.3913



131.0300, -22.6928, -48.2613



125.8960, 50.8303, -110.4108



# Rectangle

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



154.1090, 28.5403, 39.3694



147.9380, -8.8434, 83.3694



131.0300, -22.6928, -48.2613



121.5180, 23.9016, -106.5713

# Sweetspot

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



154.1090, 28.5403, 39.3694



234.1340, 10.2869, 13.9145



138.7060, 36.1339, -16.4052



114.7760, 6.5194, 8.9664



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.



154.1090, 28.5403, 39.3694



171.2480, 41.2897, 56.7875



154.3480, 12.6464, 50.5608



100.2440, 3.3307, 5.0480



63.4470, 53.0236, 73.2760



15.9650, 13.3283, 18.4477



# Inverse Universe

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



148.9900, -7.8831, 55.2598



163.9330, -11.3060, 79.8658



177.6520, -12.6464, -50.5608



99.5170, -0.7479, 6.5626



53.8650, -14.7234, 102.7274

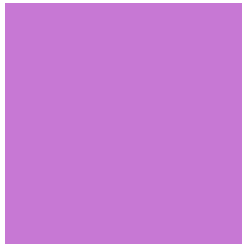


13.5410, -3.7177, 25.8355



# Previews

## White Background



This preview shows how the YUV color 154.1090, 28.5403, 39.3694 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

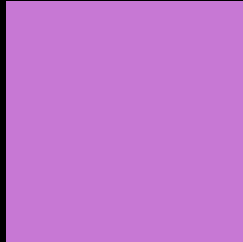
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.1090, 28.5403, 39.3694 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

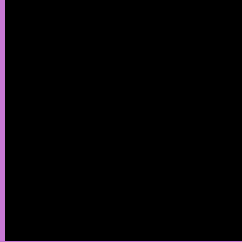
Any Text WCAG AA ✓ Pass

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 154.1090, 28.5403, 39.3694 Background



This preview shows how black text looks on a background with the YUV color 154.1090, 28.5403, 39.3694.



This preview shows how white text looks on a background with the YUV color 154.1090, 28.5403,



# 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

154.1090, 28.5403, 39.3694

### Protanopia

148.2470, 42.2762, -26.5266

### Deuteranopia

149.9420, 28.1296, -15.7351



## Tritanopia

152.5850, -3.7394, 32.8130

# Trichromacy



## Original Color

154.1090, 28.5403, 39.3694



## Protanomaly

150.1360, 37.4010, -2.7503



## Deuteranomaly

151.4760, 28.3593, 3.9675



## Tritanomaly

153.2830, 7.7485, 34.8318

# Monochromacy



## Original Color

154.1090, 28.5403, 39.3694



## Achromatopsia

154.0000, 0.0000, 0.0000



## Achromatomaly

154.1340, 10.2869, 13.9145

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.1090, 28.5403, 39.3694 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(199, 120, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 120, 212)  
}
```

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(199, 120, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 120, 212) }
```

## Border

The CSS property to change the border of an element to YUV 154.1090, 28.5403, 39.3694 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(199, 120, 212) }
```



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

```
.border{ border-color:rgb(199, 120, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 120, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 120, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 120, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 120,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 154.1090, 28.5403, 39.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 120, 212) }
```

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

```
.background{ background-color: rgb(199,  
120, 212) }
```

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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