

# Converting Colors

YUV(136.2000, 37.3694,  
54.1986)

Have a look what the booklet for  
YUV(136.2000, 37.3694, 54.1986)  
contains.

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# Color

**YUV(136.2000, 37.3694,  
54.1986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65AD4
RGB	198, 90, 212
RGB Percent	78%, 35%, 83%
CMY	0.2235, 0.6471, 0.1686
CMYK	0.07, 0.58, 0.00, 0.17
HSL	293°, 59%, 59%
HSV	293°, 58%, 83%
XYZ	38.8285, 24.0716, 64.8871
YIQ	136.2000, 25.2060, 60.8380

# Conversions

## Conversions Part 2

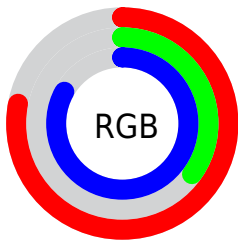
Format	Color
<a href="#">RYB</a>	<a href="#">198, 90, 212</a>
Decimal	<a href="#">12999380</a>
CIELab	<a href="#">56.16, 59.97, -43.89</a>
CIElCh	<a href="#">56, 74.315, 323.799</a>
Yxy	<a href="#">24.0716, 0.3039, 0.1884</a>
Android (android.graphics.Color)	<a href="#">4291189460 (0xFFC65AD4)</a>
YUV	<a href="#">136.2000, 37.3694, 54.1986</a>
Hunter-Lab	<a href="#">49.0628, 55.4059, -44.0690</a>

# Details

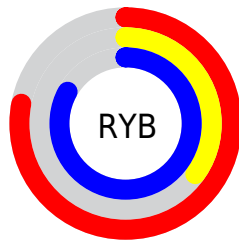
The YUV color **136.2000, 37.3694, 54.1986** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **165.8000, -37.3694, -54.1986**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 31.8330, 56.6279**, and **78.2540, 38.8218, 55.0282** is the 20% darker color. If you saturate the color by 10%, you get **123.2750, 43.7414, 63.7798**, and if you desaturate by 10%, it is **149.1250, 30.9974, 44.6174**.

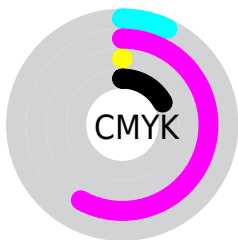
# Distribution



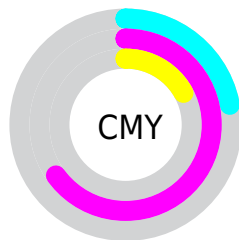
- Red (78%)
- Green (35%)
- Blue (83%)



- Red (78%)
- Yellow (35%)
- Blue (83%)



- Cyan (7%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (65%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.2000, 37.3694, 54.1986 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 136.2000, 37.3694, 54.1986 by changing the saturation by 10% instead.




 136.2000, 37.3694,  
54.1986


 136.2000, 37.3694,  
54.1986


255.0000, 0.0000,  
0.0000


 107.9010, 37.5168,  
53.5838


 190.4300, 31.8330,  
56.6279


 78.2540, 38.8218,  
55.0282


 206.8660, 23.7301,  
42.2135


 48.6070, 40.1267,  
56.4727

 223.8890, 15.3377,  
27.2843

 37.6840, 33.1868,  
42.3731

 240.9120, 6.9454,  
12.3552

 27.0600, 26.0994,  
28.8884

 16.8490, 19.3014,  
15.9184

 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,  
-0.6998

■ 0.0000, 0.0000,  
0.0000

■ 136.2000, 37.3694,  
54.1986

■ 136.2000, 37.3694,  
54.1986

■ 123.2750, 43.7414,  
63.7798

■ 149.1250, 30.9974,  
44.6174

■ 110.0510, 50.2609,  
72.7463

■ 162.3490, 24.4779,  
35.6509

■ 96.5390, 56.9223,  
82.8423

■ 175.8610, 17.8165,  
25.5549

■ 83.3150, 63.4417,  
91.8087

■ 189.0850, 11.2971,  
16.5885

80.3800, 64.8887,  
94.3827

202.0100, 4.9251,  
7.0072

215.2340, -1.5944,  
-1.9592

228.1590, -7.9664,  
-11.5404

238.7360,  
-13.1808, -19.0625

239.6330,  
-13.6231, -17.2181

# Harmonies

## Analogous

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



130.7580, 60.7583, -27.8518



136.2000, 37.3694, 54.1986



124.4930, 13.0680, 102.1766

# Triad

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



136.2000, 37.3694, 54.1986



126.5750, -62.4015, 41.5917



116.7710, 33.6369, -102.4082

# Complementary

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



136.2000, 37.3694, 54.1986



165.8000, -37.3694, -54.1986

# 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.



108.6600, 5.0976, -95.2948



136.2000, 37.3694, 54.1986



119.4890, -58.9081, -5.6909

# Square

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



136.2000, 37.3694, 54.1986



126.5150, -51.0329, 81.9863



97.9730, -23.1577, -85.9223



120.5790, 58.3816, -105.7478



# Rectangle

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



136.2000, 37.3694, 54.1986



120.7980, -6.3094, 110.6792



97.9730, -23.1577, -85.9223



114.3770, 24.4641, -100.3086

# Sweetspot

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



136.2000, 37.3694, 54.1986



228.2640, 13.1808, 19.0625



112.1260, 49.2379, -19.4045



111.8410, 7.9664, 11.5404



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.



136.2000, 37.3694, 54.1986



145.7080, 53.8810, 78.3091



135.0280, 14.7762, 67.5044



100.2440, 3.3307, 5.0480



64.6430, 52.4340, 75.7351



16.2640, 13.1808, 19.0625



# Inverse Universe

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



128.0740, -11.8685, 73.6031



133.9040, -17.2077, 106.2012



166.9720, -14.7762, -67.5044



99.5170, -0.7479, 6.5626



53.4090, -16.4706, 103.1273

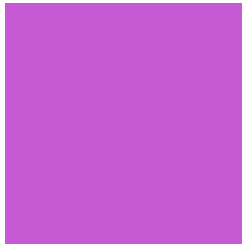


13.4270, -4.1545, 25.9355



# Previews

## White Background



This preview shows how the YUV color 136.2000, 37.3694, 54.1986 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

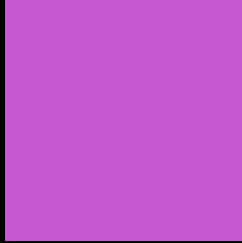
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.2000, 37.3694, 54.1986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

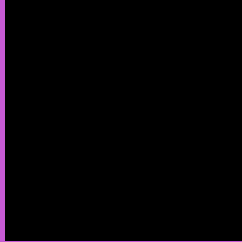
Any Text WCAG AA ✓ Pass

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 136.2000, 37.3694, 54.1986 Background



This preview shows how black text looks on a background with the YUV color 136.2000, 37.3694, 54.1986.



This preview shows how white text looks on a background with the YUV color 136.2000, 37.3694, 54.1986.



# 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

136.2000, 37.3694, 54.1986

### Protanopia

127.2240, 60.5286, -47.5544

### Deuteranopia

132.4120, 35.2929, -26.6713



## Tritanopia

136.5540, -6.6821, 43.3641

# Trichromacy



## Original Color

136.2000, 37.3694, 54.1986



## Protanomaly

130.2780, 52.1209, -10.7678



## Deuteranomaly

133.8270, 36.0743, 2.7827



## Tritanomaly

136.1150, 9.3103, 47.2571

# Monochromacy



## Original Color

136.2000, 37.3694, 54.1986



## Achromatopsia

136.0000, 0.0000, 0.0000



## Achromatomaly

136.0900, 13.7596, 20.0921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.2000, 37.3694, 54.1986 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(198, 90, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 90, 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(198, 90, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 90, 212) }
```

## Border

The CSS property to change the border of an element to YUV 136.2000, 37.3694, 54.1986 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(198, 90, 212) }
```



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

```
.border{ border-color:rgb(198, 90, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 90, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 90, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 90, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 90,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 136.2000, 37.3694, 54.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 90, 212) }
```

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

```
.background{ background-color: rgb(198, 90,  
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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