

# Converting Colors

YUV(139.4080, 35.2949,  
66.2942)

Have a look what the booklet for  
YUV(139.4080, 35.2949, 66.2942)  
contains.

<b>YUV(139.4080, 35.2949, 66.2942)</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(139.4080, 35.2949,  
66.2942)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D757D3
RGB	215, 87, 211
RGB Percent	84%, 34%, 83%
CMY	0.1569, 0.6588, 0.1725
CMYK	0.00, 0.60, 0.02, 0.16
HSL	302°, 62%, 59%
HSV	302°, 60%, 84%
XYZ	43.1904, 25.9666, 64.3637
YIQ	139.4080, 36.4840, 65.7000

# Conversions

## Conversions Part 2

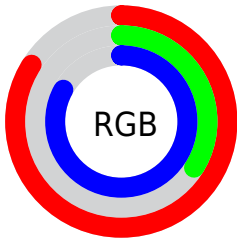
Format	Color
R <sub>YB</sub>	215, 87, 211
Decimal	14112723
CIE Lab	58.01, 65.41, -40.26
CIE LCh	58, 76.808, 328.392
Yxy	25.9666, 0.3235, 0.1945
Android (android.graphics.Color)	4292302803 (0xFFD757D3)
YUV	139.4080, 35.2949, 66.2942
Hunter-Lab	50.9574, 62.1171, -39.2182

# Details

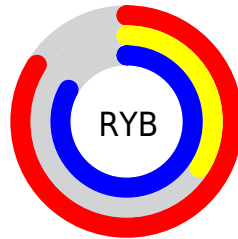
The YUV color **139.4080, 35.2949, 66.2942** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **162.5920, -35.2949, -66.2942**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 32.1224, 57.1427**, and **77.0540, 38.9204, 70.1126** is the 20% darker color. If you saturate the color by 10%, you get **126.9670, 40.9353, 77.2049**, and if you desaturate by 10%, it is **152.4360, 29.3651, 54.8686**.

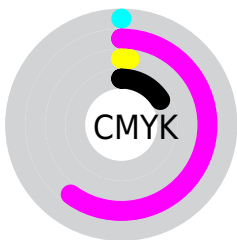
# Distribution



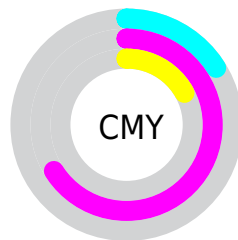
- Red (84%)
- Green (34%)
- Blue (83%)



- Red (84%)
- Yellow (34%)
- Blue (83%)



- Cyan (0%)
- Magenta (60%)
- Yellow (2%)
- Black (16%)




- Cyan (16%)
- Magenta (66%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.4080, 35.2949, 66.2942 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 139.4080, 35.2949, 66.2942 by changing the saturation by 10% instead.





 139.4080, 35.2949,  
66.2942


 139.4080, 35.2949,  
66.2942


255.0000, 0.0000,  
0.0000


 109.9350, 36.0210,  
66.7090


 189.8430, 32.1224,  
57.1427


 77.0540, 38.9204,  
70.1126


 206.2790, 24.0195,  
42.7283


 53.2770, 37.3314,  
66.4091

 223.3020, 15.6271,  
27.7991

 42.0550, 30.5389,  
51.6948

 240.3250, 7.2348,  
12.8700

 31.1320, 23.5989,  
37.5952

 21.0350, 17.2377,  
24.5253

 7.3500, 12.6454,

4.0781

■ 0.6840, 2.6208,  
-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 139.4080, 35.2949,  
66.2942

■ 139.4080, 35.2949,  
66.2942

■ 126.9670, 40.9353,  
77.2049

■ 152.4360, 29.3651,  
54.8686

■ 114.0530, 47.3019,  
88.5305

■ 164.7630, 23.2878,  
44.0578

■ 101.6120, 52.9423,  
99.4413

■ 177.7910, 17.3580,  
32.6323

■ 88.5840, 58.8721,  
110.8668

■ 190.2320, 11.7176,  
21.7215

87.9970, 59.1615,  
111.3816

203.1460, 5.3510,  
10.3960

215.5870, -0.2894,  
-0.5148

228.6150, -6.2192,  
-11.9404

238.5940,  
-11.1388, -20.6919

238.7080,  
-10.7020, -20.7919

# Harmonies

## Analogous

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



138.6460, 57.3625, -11.9675



139.4080, 35.2949, 66.2942



126.3370, 9.6939, 111.0835

# Triad

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



139.4080, 35.2949, 66.2942



130.3740, -64.2744, 35.6290



122.2310, 39.3261, -107.1966

# Complementary

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



139.4080, 35.2949, 66.2942



162.5920, -35.2949, -66.2942

# 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.



113.8920, 9.9132, -99.8833



139.4080, 35.2949, 66.2942



121.7930, -60.0439, -14.7275

# Square

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



139.4080, 35.2949, 66.2942



129.6430, -61.9420, 80.9971



103.4500, -19.9419, -90.7257



124.6370, 63.7760, -109.3066



# Rectangle

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



139.4080, 35.2949, 66.2942



124.7400, -11.7038, 114.2380



103.4500, -19.9419, -90.7257



119.7230, 29.7166, -104.9971

# Sweetspot

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



139.4080, 35.2949, 66.2942



227.8840, 12.8752, 23.7807



102.1900, 55.6153, -11.5676



110.8630, 7.9555, 15.0291



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.



139.4080, 35.2949, 66.2942



148.0690, 49.7590, 93.7785



132.3400, 8.2134, 72.4928



100.5430, 3.1833, 5.6628



70.0530, 47.3019, 88.5305



17.6450, 12.0070, 22.2363



# Inverse Universe

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



139.4080, 35.2949, 66.2942



148.0690, 49.7590, 93.7785



169.6600, -8.2134, -72.4928



100.5430, 3.1833, 5.6628



70.0530, 47.3019, 88.5305



17.6450, 12.0070, 22.2363



# Previews

## White Background



This preview shows how the YUV color 139.4080, 35.2949, 66.2942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

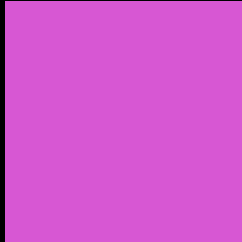
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 139.4080, 35.2949, 66.2942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

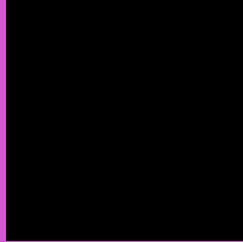
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.4080, 35.2949, 66.2942

## Background



This preview shows how black text looks on a background with the YUV color 139.4080, 35.2949, 66.2942.



This preview shows how white text looks on a background with the YUV color 139.4080, 35.2949, 66.2942.



# 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

139.4080, 35.2949, 66.2942

### Protanopia

133.1210, 60.0863, -45.7101

### Deuteranopia

139.0060, 31.0560, -21.0533



## Tritanopia

140.4200, -10.0671, 55.7597

# Trichromacy



## Original Color

139.4080, 35.2949, 66.2942



## Protanomaly

135.3820, 51.0837, -4.7200



## Deuteranomaly

138.9590, 32.5582, 10.5600



## Tritanomaly

140.0950, 6.3622, 59.5527

# Monochromacy



## Original Color

139.4080, 35.2949, 66.2942



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

139.1830, 12.7278, 24.3955

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.4080, 35.2949, 66.2942 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(215, 87, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 87, 211)  
}
```

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(215, 87, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 87, 211) }
```

## Border

The CSS property to change the border of an element to YUV 139.4080, 35.2949, 66.2942 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(215, 87, 211) }
```



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

```
.border{ border-color:rgb(215, 87, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 87, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 87, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 87, 211);  
box-shadow:4px 4px 4px 4px rgb(215, 87,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 139.4080, 35.2949, 66.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 87, 211) }
```

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

```
.background{ background-color: rgb(215, 87,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor