

# Converting Colors

YUV(138.3200, 38.7892,  
65.4944)

Have a look what the booklet for  
YUV(138.3200, 38.7892, 65.4944)  
contains.

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# Color

**YUV(138.3200, 38.7892,  
65.4944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D555D9
RGB	213, 85, 217
RGB Percent	84%, 33%, 85%
CMY	0.1647, 0.6667, 0.1490
CMYK	0.02, 0.61, 0.00, 0.15
HSL	298°, 63%, 59%
HSV	298°, 61%, 85%
XYZ	43.2135, 25.6529, 68.3195
YIQ	138.3200, 33.9160, 68.1880

# Conversions

## Conversions Part 2

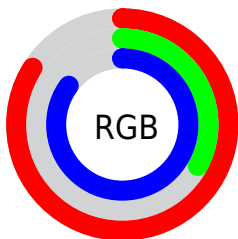
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	213, 85, 217
Decimal	13981145
CIE <sub>Lab</sub>	57.71, 66.77, -44.14
CIE <sub>LCh</sub>	58, 80.044, 326.532
Yxy	25.6529, 0.3150, 0.1870
Android (android.graphics.Color)	4292171225 (0xFFD555D9)
YUV	138.3200, 38.7892, 65.4944
Hunter-Lab	50.6487, 63.6610, -44.5217

# Details

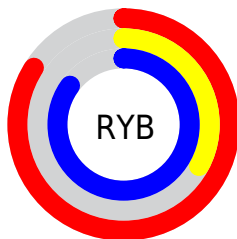
The YUV color **138.3200, 38.7892, 65.4944** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **163.6800, -38.7892, -65.4944**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6690, 32.7012, 58.1723**, and **74.0910, 42.8461, 70.9572** is the 20% darker color. If you saturate the color by 10%, you get **125.1070, 45.3032, 76.2052**, and if you desaturate by 10%, it is **151.5330, 32.2752, 54.7836**.

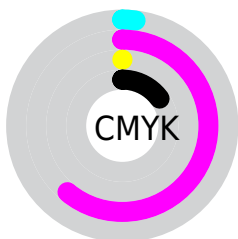
# Distribution



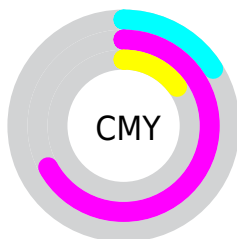
- Red (84%)
- Green (33%)
- Blue (85%)



- Red (84%)
- Yellow (33%)
- Blue (85%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)




- Cyan (16%)
- Magenta (67%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 138.3200, 38.7892, 65.4944 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 138.3200, 38.7892, 65.4944 by changing the saturation by 10% instead.





 138.3200, 38.7892,  
65.4944


 138.3200, 38.7892,  
65.4944


255.0000, 0.0000,  
0.0000


 108.8470, 39.5154,  
65.9092


 188.6690, 32.7012,  
58.1723

 74.0910, 42.8461,  
70.9572


 205.1050, 24.5982,  
43.7579


 53.3630, 40.2470,  
64.5796

 222.1280, 16.2059,  
28.8287

 42.0270, 33.0177,  
49.9653

 239.7380, 7.5242,  
13.3848

 31.1040, 26.0777,  
35.8658

 20.8930, 19.2798,  
22.8958

 6.3110, 15.1297,

0.6043

■ 2.1830, 5.8258,  
-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 138.3200, 38.7892,  
65.4944

■ 138.3200, 38.7892,  
65.4944

■ 125.1070, 45.3032,  
76.2052

■ 151.5330, 32.2752,  
54.7836

■ 112.7800, 51.3805,  
87.0159

■ 163.8600, 26.1980,  
43.9728

■ 99.5670, 57.8945,  
97.7267

■ 177.0730, 19.6840,  
33.2620

■ 87.5280, 63.8297,  
107.4079

■ 190.2860, 13.1700,  
22.5512

203.2000, 6.8034,  
11.2256

215.8260, 0.5788,  
1.0296

229.0390, -5.9352,  
-9.6812

239.6050,  
-11.1443, -18.9476

239.9040,  
-11.2917, -18.3328

# Harmonies

## Analogous

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



135.3460, 58.9894, -20.4744



138.3200, 38.7892, 65.4944



122.1080, 13.7508, 116.5463

# Triad

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



138.3200, 38.7892, 65.4944



130.0970, -64.1378, 38.5029



122.0030, 38.4525, -106.9966

# Complementary

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



138.3200, 38.7892, 65.4944



163.6800, -38.7892, -65.4944

# 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.



113.2080, 7.2925, -99.2834



138.3200, 38.7892, 65.4944



121.8040, -60.0494, -12.9831

# Square

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



138.3200, 38.7892, 65.4944



127.4480, -62.8319, 86.4301



101.8370, -23.5836, -89.3110



125.3380, 63.9234, -109.9214



# Rectangle

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



138.3200, 38.7892, 65.4944



119.0980, -7.9363, 119.1861



101.8370, -23.5836, -89.3110



119.3810, 28.4062, -104.6971

# Sweetspot

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



138.3200, 38.7892, 65.4944



227.6990, 13.4594, 23.0660



102.3960, 56.4998, -15.2563



110.6780, 8.5397, 14.3144



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.



138.3200, 38.7892, 65.4944



144.0240, 54.7112, 92.0640



132.4480, 11.1181, 74.1521



103.2440, 3.3307, 5.0480



69.9540, 50.8017, 85.9863



18.6990, 13.4594, 23.0660



# Inverse Universe

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



124.9240, -17.7105, 80.7507



125.1840, -25.2337, 113.8486



169.5520, -11.1181, -74.1521



102.2890, -1.6215, 6.7625



52.2970, -23.3174, 105.8565

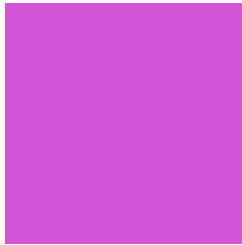


13.8680, -6.3439, 28.1798



# Previews

## White Background



This preview shows how the YUV color 138.3200, 38.7892, 65.4944 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

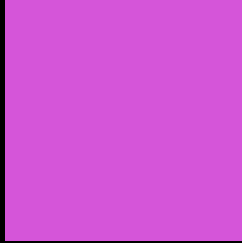
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.3200, 38.7892, 65.4944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

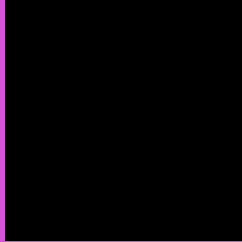
Any Text WCAG AA ✓ Pass

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 138.3200, 38.7892, 65.4944 Background



This preview shows how black text looks on a background with the YUV color 138.3200, 38.7892, 65.4944.



This preview shows how white text looks on a background with the YUV color 138.3200, 38.7892,



# 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

138.3200, 38.7892, 65.4944

### Protanopia

131.6370, 60.8180, -47.0396

### Deuteranopia

136.7110, 35.1455, -26.0565



## Tritanopia

139.6370, -9.1880, 53.8154

# Trichromacy



## Original Color

138.3200, 38.7892, 65.4944



## Protanomaly

134.1260, 52.6889, -6.2495



## Deuteranomaly

137.5610, 36.2054, 7.4010



## Tritanomaly

138.9530, 8.4042, 57.9232

# Monochromacy



## Original Color

138.3200, 38.7892, 65.4944



## Achromatopsia

138.0000, 0.0000, 0.0000



## Achromatomaly

138.2260, 14.1856, 23.4808

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.3200, 38.7892, 65.4944 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(213, 85, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 85, 217)  
}
```

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(213, 85, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 85, 217) }
```

## Border

The CSS property to change the border of an element to YUV 138.3200, 38.7892, 65.4944 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(213, 85, 217) }
```



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

```
.border{ border-color:rgb(213, 85, 217) }
```

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

Here you see how a box with a 4 pixel rgb(213, 85, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 85, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 85, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 85,  
217) }
```

# Background

The CSS property to change the background color of an element to YUV 138.3200, 38.7892, 65.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 85, 217) }
```

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

```
.background{ background-color: rgb(213, 85,  
217) }
```

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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