

# Converting Colors

YUV(133.0200, 43.8671,  
70.1425)

Have a look what the booklet for  
YUV(133.0200, 43.8671, 70.1425)  
contains.

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# Color

**YUV(133.0200, 43.8671,  
70.1425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D54BDE
RGB	213, 75, 222
RGB Percent	84%, 29%, 87%
CMY	0.1647, 0.7059, 0.1294
CMYK	0.04, 0.66, 0.00, 0.13
HSL	296°, 69%, 58%
HSV	296°, 66%, 87%
XYZ	43.1415, 24.4522, 71.5532
YIQ	133.0200, 35.0610, 74.9730

# Conversions

## Conversions Part 2

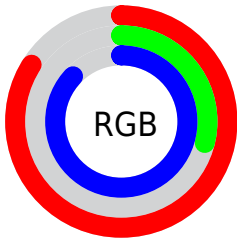
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 75, 222
Decimal	13978590
CIE <sub>Lab</sub>	56.54, 71.59, -48.82
CIE <sub>LCh</sub>	57, 86.653, 325.712
Yxy	24.4522, 0.3100, 0.1757
Android (android.graphics.Color)	4292168670 (0xFFD54BDE)
YUV	133.0200, 43.8671, 70.1425
Hunter-Lab	49.4492, 69.1946, -51.1785

# Details

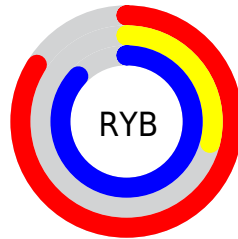
The YUV color **133.0200, 43.8671, 70.1425** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **163.9800, -43.8671, -70.1425**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3860, 35.3057, 62.8055**, and **65.2690, 49.6604, 78.6941** is the 20% darker color. If you saturate the color by 10%, you get **119.8070, 50.3811, 80.8533**, and if you desaturate by 10%, it is **146.2330, 37.3531, 59.4317**.

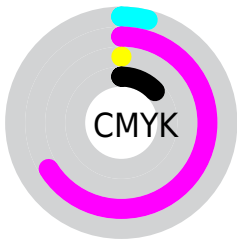
# Distribution



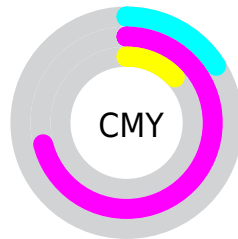
- Red (84%)
- Green (29%)
- Blue (87%)



- Red (84%)
- Yellow (29%)
- Blue (87%)



- Cyan (4%)
- Magenta (66%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (71%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.0200, 43.8671, 70.1425 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 133.0200, 43.8671, 70.1425 by changing the saturation by 10% instead.



133.0200, 43.8671,  
70.1425

133.0200, 43.8671,  
70.1425

255.0000, 0.0000,  
0.0000

101.7860, 45.4615,  
72.1017

183.3860, 35.3057,  
62.8055

65.2690, 49.6604,  
78.6941

200.4090, 26.9134,  
47.8763

53.5200, 42.1416,  
63.5650

217.4320, 18.5210,  
32.9471

42.1840, 34.9123,  
48.9506

235.0420, 9.8393,  
17.5032

30.9620, 28.1197,  
34.2363

252.6520, 1.1576,  
2.0592

20.4520, 21.4692,  
20.6516

5.2720, 17.6139,

-2.8695

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 133.0200, 43.8671,  
70.1425

■ 133.0200, 43.8671,  
70.1425

■ 119.8070, 50.3811,  
80.8533

■ 146.2330, 37.3531,  
59.4317

■ 106.2950, 57.0426,  
90.9493

■ 159.7450, 30.6917,  
49.3356

■ 92.4950, 63.8460,  
102.1749

■ 173.5450, 23.8883,  
38.1100

■ 87.5000, 66.3085,  
105.6785

■ 186.7580, 17.3743,  
27.3992

200.2700, 10.7129,  
17.3032

213.4830, 4.1989,  
6.5924

226.9950, -2.4625,  
-3.5036

240.7950, -9.2659,  
-14.7292

242.2680, -9.9921,  
-15.1440

# Harmonies

## Analogous

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



127.9150, 62.6529, -28.8665



133.0200, 43.8671, 70.1425



99.8020, 24.7476, 136.1086

# Triad

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



133.0200, 43.8671, 70.1425



127.7490, -62.9803, 40.5621



120.8290, 39.0313, -105.9670

# Complementary

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



133.0200, 43.8671, 70.1425



163.9800, -43.8671, -70.1425

# 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.



111.3500, 5.2505, -97.6539



133.0200, 43.8671, 70.1425



118.2490, -58.2968, -15.1274

# Square

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



133.0200, 43.8671, 70.1425



123.3500, -60.8115, 91.7781



98.8390, -29.9936, -86.6818



124.7510, 64.2128, -109.4066



# Rectangle

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



133.0200, 43.8671, 70.1425



99.3850, 0.3032, 136.4744



98.8390, -29.9936, -86.6818



117.9790, 28.1114, -103.4676

# Sweetspot

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



133.0200, 43.8671, 70.1425



224.1660, 15.2012, 24.4104



97.6280, 61.3154, -19.8448



109.2050, 9.2659, 14.7292



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.



133.0200, 43.8671, 70.1425



133.4250, 59.9365, 96.0973



128.4150, 14.5854, 82.0740



105.5430, 3.1833, 5.6628



69.3990, 52.5543, 83.8421



18.9270, 14.3330, 22.8660



# Inverse Universe

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



119.9790, -17.7376, 89.4724



115.4670, -24.3872, 122.3704



168.5850, -14.5854, -82.0740



104.4030, -1.1847, 6.6626



53.8780, -21.1389, 107.1010

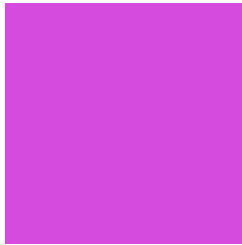


14.6940, -5.7651, 29.2094



# Previews

## White Background



This preview shows how the YUV color 133.0200, 43.8671, 70.1425 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

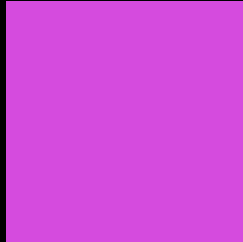
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 133.0200, 43.8671, 70.1425 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

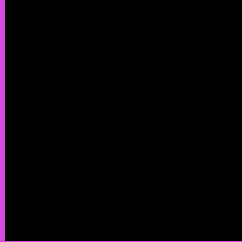
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.0200, 43.8671, 70.1425

## Background



This preview shows how black text looks on a background with the YUV color 133.0200, 43.8671, 70.1425.



This preview shows how white text looks on a background with the YUV color 133.0200, 43.8671,



# 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

133.0200, 43.8671, 70.1425

### Protanopia

127.1850, 63.0128, -51.0282

### Deuteranopia

132.7040, 39.0929, -32.1894



## Tritanopia

136.4200, -10.0671, 55.7597

# Trichromacy



## Original Color

133.0200, 43.8671, 70.1425



## Protanomaly

129.0380, 56.1833, -7.0493



## Deuteranomaly

133.1030, 40.8682, 5.1717



## Tritanomaly

135.3170, 9.7037, 61.1120

# Monochromacy



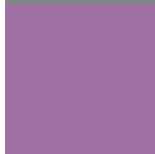
## Original Color

133.0200, 43.8671, 70.1425



## Achromatopsia

133.0000, 0.0000, 0.0000



## Achromatomaly

132.9920, 15.7799, 25.4400

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.0200, 43.8671, 70.1425 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, 75, 222)` looks like.

```
.text, #text, p{  
    color:rgb(213, 75, 222)  
}
```

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, 75, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 75, 222) }
```

## Border

The CSS property to change the border of an element to YUV 133.0200, 43.8671, 70.1425 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, 75, 222) }
```



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

```
.border{ border-color:rgb(213, 75, 222) }
```

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

Here you see how a box with a 4 pixel rgb(213, 75, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 75, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 75, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 75,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 133.0200, 43.8671, 70.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 75, 222) }
```

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

```
.background{ background-color: rgb(213, 75,  
222) }
```

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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