

# Converting Colors

YUV(134.5720, 33.2420,  
71.4124)

Have a look what the booklet for  
YUV(134.5720, 33.2420, 71.4124)  
contains.

<b>YUV(134.5720, 33.2420, 71.4124)</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(134.5720, 33.2420,  
71.4124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D850CA
RGB	216, 80, 202
RGB Percent	85%, 31%, 79%
CMY	0.1529, 0.6863, 0.2078
CMYK	0.00, 0.63, 0.06, 0.15
HSL	306°, 64%, 58%
HSV	306°, 63%, 85%
XYZ	41.8482, 24.6005, 58.4198
YIQ	134.5720, 41.8940, 66.7740

# Conversions

## Conversions Part 2

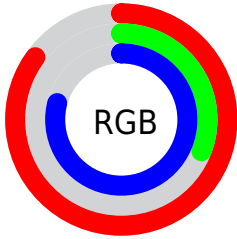
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	216, 80, 202
Decimal	14176458
CIE Lab	56.68, 67.09, -37.20
CIE LCh	57, 76.708, 330.992
Yxy	24.6005, 0.3351, 0.1970
Android (android.graphics.Color)	4292366538 (0xFFD850CA)
YUV	134.5720, 33.2420, 71.4124
Hunter-Lab	49.5989, 63.8082, -35.1152

# Details

The YUV color **134.5720, 33.2420, 71.4124** 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 **161.4280, -33.2420, -71.4124**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7340, 34.1481, 60.7463**, and **64.0000, 40.9190, 82.4380** is the 20% darker color. If you saturate the color by 10%, you get **121.4300, 38.7350, 82.9379**, and if you desaturate by 10%, it is **147.7140, 27.7490, 59.8868**.

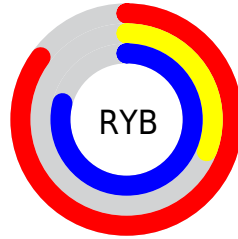
# Distribution



Red (85%)

Green (31%)

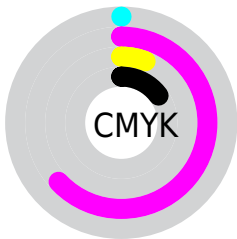
Blue (79%)



Red (85%)

Yellow (31%)

Blue (79%)

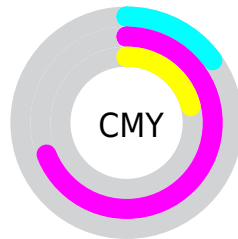


Cyan (0%)

Magenta (63%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (69%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.5720, 33.2420, 71.4124 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 134.5720, 33.2420, 71.4124 by changing the saturation by 10% instead.




 134.5720, 33.2420,  
71.4124


 134.5720, 33.2420,  
71.4124


255.0000, 0.0000,  
0.0000


 104.5120, 34.2576,  
72.3420


 185.7340, 34.1481,  
60.7463

 64.0000, 40.9190,  
82.4380


 202.7570, 25.7558,  
45.8171

 52.3650, 33.8371,  
67.2089


 219.7800, 17.3635,  
30.8879

 41.4420, 26.8971,  
53.1094

 236.8030, 8.9711,  
15.9588

 30.3340, 20.5413,  
38.2951

254.4130, 0.2894,  
0.5148

 20.2370, 14.1802,  
25.2252

 5.7690, 10.4669,

2.8336

■ 0.0000, 0.0000,  
0.0000

■ 134.5720, 33.2420,  
71.4124

■ 134.5720, 33.2420,  
71.4124

■ 121.4300, 38.7350,  
82.9379

■ 147.7140, 27.7490,  
59.8868

■ 108.8750, 43.9386,  
93.9486

■ 160.2690, 22.5454,  
48.8761

■ 95.6190, 48.9948,  
105.5741

■ 173.5250, 17.4892,  
37.2506

■ 86.7000, 52.8989,  
113.3961

■ 186.0800, 12.2856,  
26.2398

■ 199.2220, 6.7926,  
14.7143

■ 212.3640, 1.2995,  
3.1888

■ 225.0330, -3.4673,  
-7.9219

■ 238.1750, -8.9603,  
-19.4475

■ 239.5770, -8.6655,  
-20.6770

# Harmonies

## Analogous

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



136.8750, 56.7566, -4.2754



134.5720, 33.2420, 71.4124



121.4790, 7.6519, 112.7129

# Triad

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



134.5720, 33.2420, 71.4124



127.0960, -62.6583, 30.6108



119.9970, 40.9205, -105.2374

# Complementary

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



134.5720, 33.2420, 71.4124



161.4280, -33.2420, -71.4124

# 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.



112.3590, 11.6550, -98.5388



134.5720, 33.2420, 71.4124



117.0420, -57.7017, -19.3308

# Square

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



134.5720, 33.2420, 71.4124



126.2080, -62.2205, 76.9936



102.0310, -17.7633, -89.4812



122.1750, 64.4967, -107.1475



# Rectangle

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



134.5720, 33.2420, 71.4124



121.4580, -14.0298, 113.6083



102.0310, -17.7633, -89.4812



117.6030, 31.7477, -103.1378

# Sweetspot

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



134.5720, 33.2420, 71.4124



226.2540, 11.7068, 25.2102



99.6900, 57.3408, -4.9901



109.9340, 6.9345, 15.8439



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.



134.5720, 33.2420, 71.4124



138.8420, 47.4059, 101.8706



126.8200, 3.5397, 78.2109



100.4290, 2.7465, 5.7628



68.5710, 41.6235, 89.8302



17.3030, 10.6966, 22.5363



# Inverse Universe

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



134.5720, 33.2420, 71.4124



138.8420, 47.4059, 101.8706



169.1800, -3.5397, -78.2109



100.4290, 2.7465, 5.7628



68.5710, 41.6235, 89.8302



17.3030, 10.6966, 22.5363



# Previews

## White Background



This preview shows how the YUV color 134.5720, 33.2420, 71.4124 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

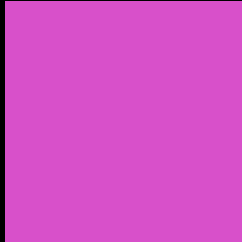
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.5720, 33.2420, 71.4124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

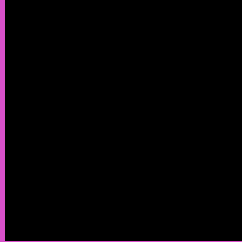
Any Text WCAG AA ✓ Pass

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 134.5720, 33.2420, 71.4124 Background



This preview shows how black text looks on a background with the YUV color 134.5720, 33.2420, 71.4124.



This preview shows how white text looks on a background with the YUV color 134.5720, 33.2420,



# 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

134.5720, 33.2420, 71.4124

### Protanopia

129.9640, 58.1917, -44.6954

### Deuteranopia

135.9310, 28.1350, -17.4795



## Tritanopia

136.1110, -11.3937, 61.2927

# Trichromacy



## Original Color

134.5720, 33.2420, 71.4124



## Protanomaly

131.8230, 48.8943, -2.4758



## Deuteranomaly

135.2970, 29.9266, 14.6485



## Tritanomaly

135.6720, 4.5987, 65.1857

# Monochromacy



## Original Color

134.5720, 33.2420, 71.4124



## Achromatopsia

135.0000, 0.0000, 0.0000



## Achromatomaly

134.6670, 11.9962, 25.7250

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.5720, 33.2420, 71.4124 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(216, 80, 202)` looks like.

```
.text, #text, p{  
    color:rgb(216, 80, 202)  
}
```

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(216, 80, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 80, 202) }
```

## Border

The CSS property to change the border of an element to YUV 134.5720, 33.2420, 71.4124 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(216, 80, 202) }
```



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

```
.border{ border-color:rgb(216, 80, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 80, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 80, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 80, 202);  
box-shadow:4px 4px 4px 4px rgb(216, 80,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 134.5720, 33.2420, 71.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 80, 202) }
```

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

```
.background{ background-color: rgb(216, 80,  
202) }
```

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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