

# Converting Colors

YUV(134.2720, 31.4179,  
49.7505)

Have a look what the booklet for  
YUV(134.2720, 31.4179, 49.7505)  
contains.

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# Color

**YUV(134.2720, 31.4179,  
49.7505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF5DC6
RGB	191, 93, 198
RGB Percent	75%, 36%, 78%
CMY	0.2510, 0.6353, 0.2235
CMYK	0.04, 0.53, 0.00, 0.22
HSL	296°, 48%, 57%
HSV	296°, 53%, 78%
XYZ	35.5933, 22.9823, 55.9861
YIQ	134.2720, 24.7030, 53.4310

# Conversions

## Conversions Part 2

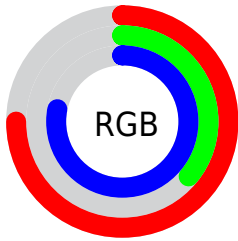
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 93, 198
Decimal	12541382
CIE <sub>Lab</sub>	55.05, 54.13, -37.72
CIE <sub>LCh</sub>	55, 65.975, 325.128
Yxy	22.9823, 0.3107, 0.2006
Android (android.graphics.Color)	4290731462 (0xFFBF5DC6)
YUV	134.2720, 31.4179, 49.7505
Hunter-Lab	47.9398, 48.6338, -35.6834

# Details

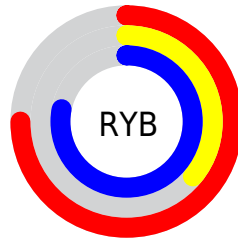
The YUV color **134.2720, 31.4179, 49.7505** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **156.7280, -31.4179, -49.7505**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8100, 32.1387, 51.9096**, and **79.0870, 32.0021, 49.0357** is the 20% darker color. If you saturate the color by 10%, you get **122.2330, 37.3531, 59.4317**, and if you desaturate by 10%, it is **146.3110, 25.4827, 40.0693**.

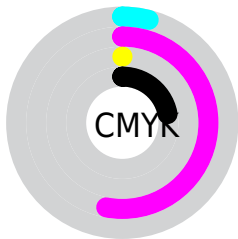
# Distribution



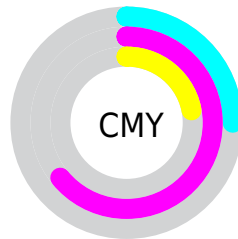
- Red (75%)
- Green (36%)
- Blue (78%)



- Red (75%)
- Yellow (36%)
- Blue (78%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)




- Cyan (25%)
- Magenta (64%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.2720, 31.4179, 49.7505 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 134.2720, 31.4179, 49.7505 by changing the saturation by 10% instead.





 134.2720, 31.4179,  
49.7505


 134.2720, 31.4179,  
49.7505


255.0000, 0.0000,  
0.0000


 106.8590, 31.1285,  
49.2357


 189.8100, 32.1387,  
51.9096


 79.0870, 32.0021,  
49.0357


 208.0400, 23.1513,  
41.1839


 45.7440, 35.6222,  
54.5985

 224.4760, 15.0483,  
26.7695

 34.8210, 28.6822,  
40.4990

 241.4990, 6.6560,  
11.8404

 24.1970, 21.5949,  
27.0142

 14.5130, 15.5231,  
14.4591

 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 134.2720, 31.4179,  
49.7505

■ 134.2720, 31.4179,  
49.7505

■ 122.2330, 37.3531,  
59.4317

■ 146.3110, 25.4827,  
40.0693

■ 109.8950, 43.4358,  
68.4981

■ 158.6490, 19.4000,  
31.0028

■ 98.4430, 49.0816,  
77.6645

■ 170.1010, 13.7542,  
21.8364

■ 86.4040, 55.0168,  
87.3457

■ 182.1400, 7.8190,  
12.1552

■ 77.8870, 59.2157,  
93.9381

■ 194.4780, 1.7363,  
3.0888

■ 206.5170, -4.1989,  
-6.5924

■ 218.5560,  
-10.1341, -16.2736

■ 230.3070,  
-15.9274, -24.8252

■ 232.9540,  
-17.2323, -26.2697

# Harmonies

## Analogous

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



130.8210, 51.8532, -18.2600



134.2720, 31.4179, 49.7505



126.2650, 8.7434, 89.2216

# Triad

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



134.2720, 31.4179, 49.7505



123.5960, -60.9328, 37.1883



113.1520, 32.4631, -99.2343

# Complementary

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



134.2720, 31.4179, 49.7505



156.7280, -31.4179, -49.7505

# 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.



105.8390, 6.9814, -92.8208



134.2720, 31.4179, 49.7505



117.4290, -57.8925, -4.7612

# Square

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



134.2720, 31.4179, 49.7505



125.9420, -45.3274, 71.9649



97.1780, -17.3428, -84.3481



115.4610, 54.0027, -101.2593



# Rectangle

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



134.2720, 31.4179, 49.7505



123.9010, -9.3182, 95.6798



97.1780, -17.3428, -84.3481



110.9860, 24.1639, -97.3347

# Sweetspot

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



134.2720, 31.4179, 49.7505



230.0360, 12.3073, 19.2624



109.0790, 43.8381, -14.1013



112.7270, 7.5296, 11.6404



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.



134.2720, 31.4179, 49.7505



156.0300, 48.7922, 77.1497



131.2350, 10.7301, 58.5529



93.7170, 2.6045, 4.6332



64.0300, 48.7922, 77.1497



13.9710, 10.8603, 16.6884



# Inverse Universe

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



125.1930, -12.4201, 63.8517



141.9910, -19.2226, 99.1089



159.8790, -10.2933, -58.6529



92.6910, -1.3267, 5.5330



49.9910, -19.2226, 99.1089



10.9920, -4.4331, 21.9320



# Previews

## White Background



This preview shows how the YUV color 134.2720, 31.4179, 49.7505 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

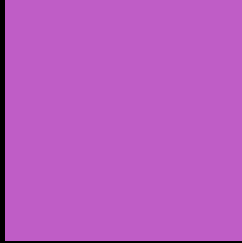
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.2720, 31.4179, 49.7505 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

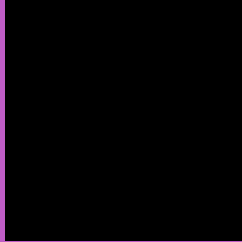
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.2720, 31.4179, 49.7505

## Background



This preview shows how black text looks on a background with the YUV color 134.2720, 31.4179, 49.7505.



This preview shows how white text looks on a background with the YUV color 134.2720, 31.4179, 49.7505.



# 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

134.2720, 31.4179, 49.7505

### Protanopia

127.9560, 50.3077, -35.9184

### Deuteranopia

131.2620, 29.4508, -19.5238



## Tritanopia

133.6570, -6.2399, 41.5198

# Trichromacy



## Original Color

134.2720, 31.4179, 49.7505



## Protanomaly

130.3190, 43.2267, -4.6648



## Deuteranomaly

132.3560, 30.3905, 5.8268



## Tritanomaly

133.9360, 7.4266, 44.7831

# Monochromacy



## Original Color

134.2720, 31.4179, 49.7505



## Achromatopsia

134.0000, 0.0000, 0.0000



## Achromatomaly

134.0960, 11.2917, 18.3328

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.2720, 31.4179, 49.7505 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(191, 93, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 93, 198)  
}
```

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(191, 93, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 93, 198) }
```

## Border

The CSS property to change the border of an element to YUV 134.2720, 31.4179, 49.7505 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(191, 93, 198) }
```



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

```
.border{ border-color:rgb(191, 93, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 93, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 93, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 93, 198); box-shadow:4px 4px 4px 4px rgb(191, 93, 198) }
```

# Background

The CSS property to change the background color of an element to YUV 134.2720, 31.4179, 49.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 93, 198) }
```

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

```
.background{ background-color: rgb(191, 93,  
198) }
```

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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