

Converting Colors

YUV(131.1520, 36.9001,
64.7647)

Have a look what the booklet for
YUV(131.1520, 36.9001, 64.7647)
contains.

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Color

**YUV(131.1520, 36.9001,
64.7647)**

Conversions

Conversions Part 1

Format	Color
Hex	CD4FCE
RGB	205, 79, 206
RGB Percent	80%, 31%, 81%
CMY	0.1961, 0.6902, 0.1922
CMYK	0.00, 0.62, 0.00, 0.19
HSL	300°, 56%, 56%
HSV	300°, 62%, 81%
XYZ	39.1134, 23.0273, 60.7757
YIQ	131.1520, 34.3290, 66.2090

Conversions

Conversions Part 2

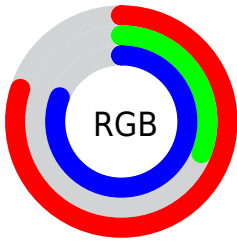
Format	Color
RYB	205, 79, 206
Decimal	13455310
CIELab	55.10, 65.44, -42.09
CIELCh	55, 77.803, 327.254
Yxy	23.0273, 0.3182, 0.1873
Android (android.graphics.Color)	4291645390 (0xFFCD4FCE)
YUV	131.1520, 36.9001, 64.7647
Hunter-Lab	47.9868, 61.5160, -41.5006

Details

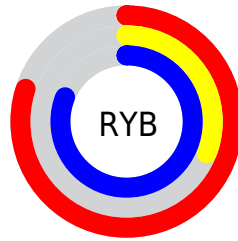
The YUV color **131.1520, 36.9001, 64.7647** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **153.8480, -36.9001, -64.7647**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1470, 34.4375, 61.2611**, and **62.9280, 43.4195, 73.7311** is the 20% darker color. If you saturate the color by 10%, you get **118.8250, 42.9773, 75.5755**, and if you desaturate by 10%, it is **143.4790, 30.8229, 53.9539**.

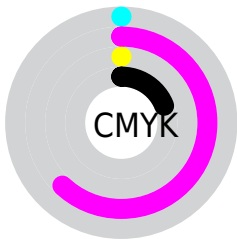
Distribution



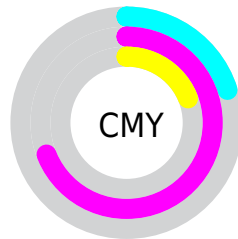
- Red (80%)
- Green (31%)
- Blue (81%)



- Red (80%)
- Yellow (31%)
- Blue (81%)



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (69%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.1520, 36.9001, 64.7647 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 131.1520, 36.9001, 64.7647 by changing the saturation by 10% instead.


 131.1520, 36.9001,
64.7647


 131.1520, 36.9001,
64.7647


255.0000, 0.0000,
0.0000


 101.6790, 37.6263,
65.1795


 185.1470, 34.4375,
61.2611


 62.9280, 43.4195,
73.7311


 201.5830, 26.3346,
46.8467

 49.8310, 37.0583,
60.6612


 218.6060, 17.9422,
31.9175

 38.7940, 29.6816,
46.6617

 235.6290, 9.5499,
16.9884

 27.9850, 23.1784,
32.4622

 253.2390, 0.8682,
1.5444

 17.4750, 16.5278,
18.8774

 3.8930, 12.3778,

-3.4142

■ 0.0000, 0.0000,
0.0000

■ 131.1520, 36.9001,
64.7647

■ 131.1520, 36.9001,
64.7647

■ 118.8250, 42.9773,
75.5755

■ 143.4790, 30.8229,
53.9539

■ 107.0850, 48.7651,
85.8715

■ 155.2190, 25.0350,
43.6579

■ 94.7580, 54.8423,
96.6822

■ 167.5460, 18.9578,
32.8472

■ 84.4800, 59.9094,
104.8190

■ 179.5850, 13.0226,
23.1660

■ 191.9120, 6.9454,
12.3552

■ 204.2390, 0.8682,
1.5444

■ 215.9790, -4.9196,
-8.7516

■ 228.3060,
-10.9969, -19.5624

■ 234.7630,
-14.1802, -25.2252

Harmonies

Analogous

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



130.1120, 60.5838, -18.5152



131.1520, 36.9001, 64.7647



114.8580, 12.8880, 113.2575

Triad

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



131.1520, 36.9001, 64.7647



123.8840, -61.0748, 36.0587



116.3950, 37.2733, -102.0784

Complementary

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



131.1520, 36.9001, 64.7647



153.8480, -36.9001, -64.7647

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.



107.9420, 7.4236, -94.6651



131.1520, 36.9001, 64.7647



115.3030, -56.8444, -14.2977

Square

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



131.1520, 36.9001, 64.7647



121.8110, -60.0528, 81.7268



97.5000, -22.4315, -85.5075



119.5020, 61.8705, -104.8033

Rectangle

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



131.1520, 36.9001, 64.7647



113.8590, -8.8045, 117.6417



97.5000, -22.4315, -85.5075



113.8870, 27.6637, -99.8789

Sweetspot

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



131.1520, 36.9001, 64.7647



227.9980, 13.3120, 23.6808



94.6520, 54.8946, -13.7268



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.



131.1520, 36.9001, 64.7647



143.7580, 54.8423, 96.6822



124.4970, 10.1080, 71.4781



96.1300, 2.8939, 5.1480



67.9600, 48.3337, 84.2271



15.6940, 10.9969, 19.5624

Inverse Universe

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



117.0870, -18.2839, 77.9767



122.7390, -26.9863, 115.9929



160.5030, -10.1080, -71.4781



94.9900, -1.4741, 6.1478



49.7480, -24.0328, 101.9530



11.3620, -5.6015, 23.3615

Previews

White Background



This preview shows how the YUV color 131.1520, 36.9001, 64.7647 looks on a white background.

Color Contrast Check

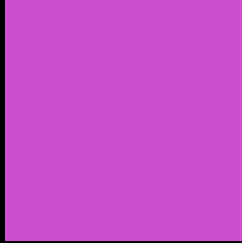
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1520, 36.9001, 64.7647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

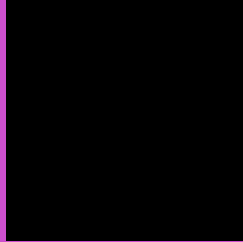
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.1520, 36.9001, 64.7647

Background



This preview shows how black text looks on a background with the YUV color 131.1520, 36.9001, 64.7647.



This preview shows how white text looks on a background with the YUV color 131.1520, 36.9001, 64.7647.

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

131.1520, 36.9001, 64.7647

Protanopia

122.8860, 63.1602, -51.6430

Deuteranopia

130.7390, 32.6667, -24.3271



Tritanopia

133.1100, -9.9142, 53.4005

Trichromacy



Original Color

131.1520, 36.9001, 64.7647



Protanomaly

125.7450, 53.8627, -9.4234



Deuteranomaly

130.9910, 34.0214, 7.9009



Tritanomaly

132.3120, 7.2412, 57.6084

Monochromacy



Original Color

131.1520, 36.9001, 64.7647



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1520, 36.9001, 64.7647 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(205, 79, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 79, 206)  
}
```

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(205, 79, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 79, 206) }
```

Border

The CSS property to change the border of an element to YUV 131.1520, 36.9001, 64.7647 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(205, 79, 206) }
```


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

```
.border{ border-color:rgb(205, 79, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 79, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 79, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 79, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 79,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 131.1520, 36.9001, 64.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 79, 206) }
```

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

```
.background{ background-color: rgb(205, 79,  
206) }
```

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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