

Converting Colors

YUV(130.9910, 31.0634,
70.1679)

Have a look what the booklet for
YUV(130.9910, 31.0634, 70.1679)
contains.

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Color

**YUV(130.9910, 31.0634,
70.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	D34EC2
RGB	211, 78, 194
RGB Percent	83%, 31%, 76%
CMY	0.1725, 0.6941, 0.2392
CMYK	0.00, 0.63, 0.08, 0.17
HSL	308°, 60%, 57%
HSV	308°, 63%, 83%
XYZ	39.3260, 23.1927, 53.4429
YIQ	130.9910, 42.0320, 64.2720

Conversions

Conversions Part 2

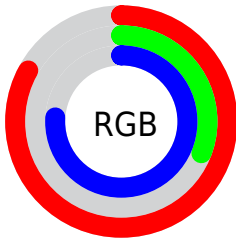
Format	Color
R_{YB}	211, 78, 194
Decimal	13848258
CIE _{Lab}	55.27, 65.38, -34.88
CIE _{LCh}	55, 74.103, 331.917
Yxy	23.1927, 0.3391, 0.2000
Android (android.graphics.Color)	4292038338 (0xFFD34EC2)
YUV	130.9910, 31.0634, 70.1679
Hunter-Lab	48.1588, 61.4833, -32.0842

Details

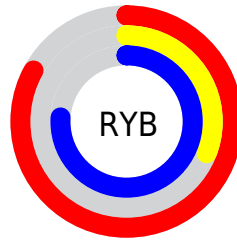
The YUV color **130.9910, 31.0634, 70.1679** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **158.0090, -31.0634, -70.1679**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1040, 32.9797, 62.1758**, and **61.7070, 38.5984, 80.0640** is the 20% darker color. If you saturate the color by 10%, you get **118.3220, 35.8303, 81.2786**, and if you desaturate by 10%, it is **143.6600, 26.2966, 59.0572**.

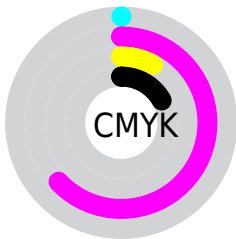
Distribution



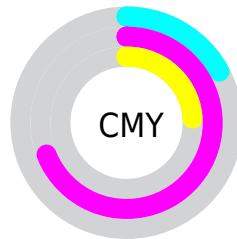
- Red (83%)
- Green (31%)
- Blue (76%)



- Red (83%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (63%)
- Yellow (8%)
- Black (17%)





- Cyan (17%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.9910, 31.0634, 70.1679 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 130.9910, 31.0634, 70.1679 by changing the saturation by 10% instead.


 130.9910, 31.0634,
70.1679


 130.9910, 31.0634,
70.1679


255.0000, 0.0000,
0.0000


 101.0450, 32.5158,
70.9975


 184.1040, 32.9797,
62.1758


 61.7070, 38.5984,
80.0640


 200.9960, 26.6240,
47.3615

 50.3710, 31.3691,
65.4496


 218.0190, 18.2316,
32.4323

 39.1490, 24.5765,
50.7353

 235.6290, 9.5499,
16.9884

 28.3400, 18.0734,
36.5358

 252.6520, 1.1576,
2.0592

 18.0580, 12.2964,
22.7511

 2.2800, 8.7360,

-1.9996

■ 0.0000, 0.0000,
0.0000

■ 130.9910, 31.0634,
70.1679

■ 130.9910, 31.0634,
70.1679

■ 118.3220, 35.8303,
81.2786

■ 143.6600, 26.2966,
59.0572

■ 105.7670, 41.0339,
92.2893

■ 156.2150, 21.0930,
48.0464

■ 93.0980, 45.8007,
103.4001

■ 168.8840, 16.3262,
36.9357

■ 84.0650, 49.2680,
111.3220

■ 181.5530, 11.5594,
25.8250

■ 194.6950, 6.0664,
14.2995

■ 207.3640, 1.2995,
3.1888

■ 220.0330, -3.4673,
-7.9219

■ 232.7020, -8.2341,
-19.0327

■ 237.6260, -9.6756,
-23.3510

Harmonies

Analogous

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



133.5010, 53.9830, -1.3164



130.9910, 31.0634, 70.1679



118.9900, 5.9209, 107.8798

Triad

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



130.9910, 31.0634, 70.1679



123.5410, -60.9057, 28.4665



116.6060, 40.6202, -102.2635

Complementary

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



130.9910, 31.0634, 70.1679



158.0090, -31.0634, -70.1679

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.



109.3100, 12.6652, -95.8649



130.9910, 31.0634, 70.1679



113.7860, -56.0965, -20.8603

Square

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



130.9910, 31.0634, 70.1679



123.2290, -60.7519, 72.5902



99.2100, -15.8795, -87.0072



118.4420, 62.8861, -103.8736

Rectangle

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



130.9910, 31.0634, 70.1679



119.1970, -14.8871, 108.5752



99.2100, -15.8795, -87.0072



114.9130, 31.5949, -100.7787

Sweetspot

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



130.9910, 31.0634, 70.1679



226.1400, 11.2700, 25.3102



97.9460, 55.7356, -3.4606



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.



130.9910, 31.0634, 70.1679



138.2720, 45.2219, 102.3705



123.5810, 2.6716, 76.6665



98.3150, 2.3097, 5.8627



66.9900, 39.4449, 88.5858



16.3630, 9.6810, 21.6066

Inverse Universe

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



130.9910, 31.0634, 70.1679



138.2720, 45.2219, 102.3705



165.4190, -2.6716, -76.6665



98.3150, 2.3097, 5.8627



66.9900, 39.4449, 88.5858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 130.9910, 31.0634, 70.1679 looks on a white background.

Color Contrast Check

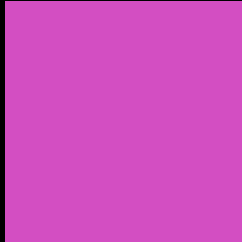
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9910, 31.0634, 70.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

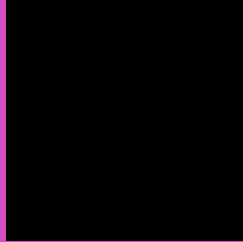
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.9910, 31.0634, 70.1679

Background



This preview shows how black text looks on a background with the YUV color 130.9910, 31.0634, 70.1679.



This preview shows how white text looks on a background with the YUV color 130.9910, 31.0634, 70.1679.

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

130.9910, 31.0634, 70.1679

Protanopia

127.0740, 54.6865, -40.4069

Deuteranopia

132.3720, 25.9456, -15.2352



Tritanopia

132.6980, -11.6831, 60.7779

Trichromacy



Original Color

130.9910, 31.0634, 70.1679



Protanomaly

128.1500, 46.2681, -0.1315



Deuteranomaly

132.0260, 27.5952, 15.7632



Tritanomaly

131.8460, 4.0199, 64.1561

Monochromacy



Original Color

130.9910, 31.0634, 70.1679



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1400, 11.2700, 25.3102

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9910, 31.0634, 70.1679 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(211, 78, 194)` looks like.

```
.text, #text, p{  
    color:rgb(211, 78, 194)  
}
```

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(211, 78, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 78, 194) }
```

Border

The CSS property to change the border of an element to YUV 130.9910, 31.0634, 70.1679 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(211, 78, 194) }
```


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

```
.border{ border-color:rgb(211, 78, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 78, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 78, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 78, 194);  
box-shadow:4px 4px 4px 4px rgb(211, 78,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 130.9910, 31.0634, 70.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 78, 194) }
```

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

```
.background{ background-color: rgb(211, 78,  
194) }
```

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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