

Converting Colors

YUV(130.2080, 31.9425,
68.2236)

Have a look what the booklet for
YUV(130.2080, 31.9425, 68.2236)
contains.

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Color

**YUV(130.2080, 31.9425,
68.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	D04EC3
RGB	208, 78, 195
RGB Percent	82%, 31%, 76%
CMY	0.1843, 0.6941, 0.2353
CMYK	0.00, 0.62, 0.06, 0.18
HSL	306°, 58%, 56%
HSV	306°, 62%, 82%
XYZ	38.5871, 22.7988, 53.9966
YIQ	130.2080, 39.9230, 63.9470

Conversions

Conversions Part 2

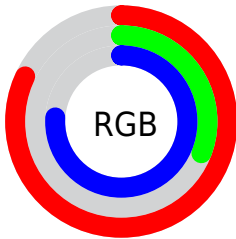
Format	Color
R_{YB}	208, 78, 195
Decimal	13651651
CIE _{Lab}	54.86, 64.78, -36.13
CIE _{LCh}	55, 74.172, 330.852
Yxy	22.7988, 0.3344, 0.1976
Android (android.graphics.Color)	4291841731 (0xFFD04EC3)
YUV	130.2080, 31.9425, 68.2236
Hunter-Lab	47.7481, 60.6938, -33.6253

Details

The YUV color **130.2080, 31.9425, 68.2236** 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 **155.7920, -31.9425, -68.2236**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2180, 33.4165, 62.0758**, and **60.9240, 39.4775, 78.1197** is the 20% darker color. If you saturate the color by 10%, you get **117.6530, 37.1461, 79.2343**, and if you desaturate by 10%, it is **142.7630, 26.7388, 57.2128**.

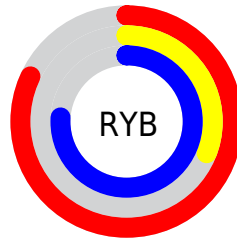
Distribution



Red (82%)

Green (31%)

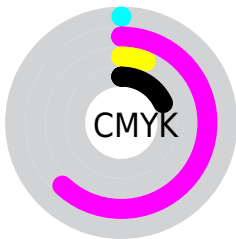
Blue (76%)



Red (82%)

Yellow (31%)

Blue (76%)

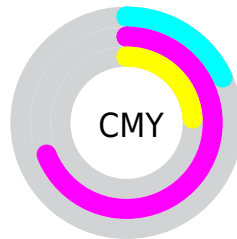


Cyan (0%)

Magenta (62%)

Yellow (6%)

Black (18%)



Cyan (18%)


Magenta (69%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.2080, 31.9425, 68.2236 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 130.2080, 31.9425, 68.2236 by changing the saturation by 10% instead.


 130.2080, 31.9425,
68.2236


 130.2080, 31.9425,
68.2236


255.0000, 0.0000,
0.0000


 100.2620, 33.3948,
69.0532


 184.2180, 33.4165,
62.0758

 60.9240, 39.4775,
78.1197


 200.9960, 26.6240,
47.3615

 49.5880, 32.2481,
63.5053

 218.0190, 18.2316,
32.4323

 38.6650, 25.3082,
49.4058

 235.0420, 9.8393,
17.5032

 27.8560, 18.8050,
35.2063

 252.6520, 1.1576,
2.0592

 17.4600, 12.5912,
21.5216

 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 130.2080, 31.9425,
68.2236

■ 130.2080, 31.9425,
68.2236

■ 117.6530, 37.1461,
79.2343

■ 142.7630, 26.7388,
57.2128

■ 105.0980, 42.3497,
90.2451

■ 155.3180, 21.5352,
46.2021

■ 93.1300, 47.2639,
100.7410

■ 167.2860, 16.6210,
35.7062

■ 83.5100, 51.0206,
109.1777

■ 179.8410, 11.4174,
24.6954

■ 192.3960, 6.2138,
13.6847

■ 204.9510, 1.0102,
2.6740

■ 217.6200, -3.7567,
-8.4367

■ 229.5880, -8.6709,
-18.9327

■ 236.2730,
-10.9806, -24.7954

Harmonies

Analogous

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



132.0060, 54.7200, -4.3903



130.2080, 31.9425, 68.2236



117.6310, 7.0839, 108.1946

Triad

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



130.2080, 31.9425, 68.2236



122.6660, -60.4743, 30.1109



115.6770, 39.5992, -101.4487

Complementary

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



130.2080, 31.9425, 68.2236



155.7920, -31.9425, -68.2236

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.



108.2670, 11.2074, -94.9502



130.2080, 31.9425, 68.2236



113.2100, -55.8125, -18.6012

Square

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



130.2080, 31.9425, 68.2236



122.0550, -60.1731, 73.6198



98.2810, -16.9005, -86.1924



117.6270, 62.3019, -103.1589

Rectangle

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



130.2080, 31.9425, 68.2236



117.8380, -13.7241, 108.8901



98.2810, -16.9005, -86.1924



113.8700, 30.1371, -99.8640

Sweetspot

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



130.2080, 31.9425, 68.2236



226.2540, 11.7068, 25.2102



96.7070, 54.8674, -5.0050



110.0480, 7.3713, 15.7439



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.



130.2080, 31.9425, 68.2236



140.7170, 46.9745, 100.2262



122.7980, 3.5506, 74.7222



98.4290, 2.7465, 5.7628



67.4460, 41.1921, 88.1859



16.4770, 10.1178, 21.5067

Inverse Universe

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



130.2080, 31.9425, 68.2236



140.7170, 46.9745, 100.2262



163.2020, -3.5506, -74.7222



98.4290, 2.7465, 5.7628



67.4460, 41.1921, 88.1859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 130.2080, 31.9425, 68.2236 looks on a white background.

Color Contrast Check

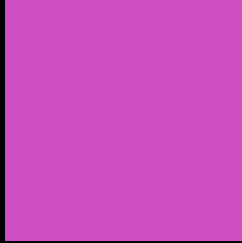
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2080, 31.9425, 68.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

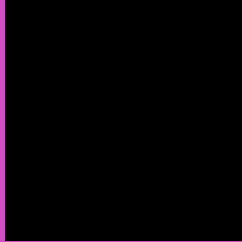
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.2080, 31.9425, 68.2236

Background



This preview shows how black text looks on a background with the YUV color 130.2080, 31.9425, 68.2236.



This preview shows how white text looks on a background with the YUV color 130.2080, 31.9425,

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

130.2080, 31.9425, 68.2236

Protanopia

125.4050, 56.0023, -42.4512

Deuteranopia

131.1160, 27.5508, -16.7647



Tritanopia

131.8010, -11.2409, 58.9335

Trichromacy



Original Color

130.2080, 31.9425, 68.2236



Protanomaly

127.3670, 47.1471, -2.0759



Deuteranomaly

130.7700, 29.2004, 14.2337



Tritanomaly

130.9490, 4.4621, 62.3117

Monochromacy



Original Color

130.2080, 31.9425, 68.2236



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.9550, 11.8542, 24.5955

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2080, 31.9425, 68.2236 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(208, 78, 195)` looks like.

```
.text, #text, p{  
    color:rgb(208, 78, 195)  
}
```

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(208, 78, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 78, 195) }
```

Border

The CSS property to change the border of an element to YUV 130.2080, 31.9425, 68.2236 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(208, 78, 195) }
```


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

```
.border{ border-color:rgb(208, 78, 195) }
```

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

Here you see how a box with a 4 pixel rgb(208, 78, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 78, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 78, 195);  
box-shadow:4px 4px 4px 4px rgb(208, 78,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 130.2080, 31.9425, 68.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 78, 195) }
```

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

```
.background{ background-color: rgb(208, 78,  
195) }
```

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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