

Converting Colors

YUV(168.1260, 42.8289,
29.7075)

Have a look what the booklet for
YUV(168.1260, 42.8289, 29.7075)
contains.

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Color

**YUV(168.1260, 42.8289,
29.7075)**

Conversions

Conversions Part 1

Format	Color
Hex	CA86FF
RGB	202, 134, 255
RGB Percent	79%, 53%, 100%
CMY	0.2078, 0.4745, 0.0000
CMYK	0.21, 0.47, 0.00, 0.00
HSL	274°, 100%, 76%
HSV	274°, 47%, 100%
XYZ	50.9322, 36.8268, 99.0316
YIQ	168.1260, 1.6870, 52.0470

Conversions

Conversions Part 2

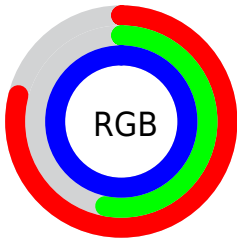
Format	Color
R_{YB}	202, 134, 255
Decimal	13272831
CIE _{Lab}	67.15, 47.73, -50.42
CIE _{LCh}	67, 69.428, 313.429
Yxy	36.8268, 0.2727, 0.1972
Android (android.graphics.Color)	4291462911 (0xFFCA86FF)
YUV	168.1260, 42.8289, 29.7075
Hunter-Lab	60.6850, 43.6140, -54.2755

Details

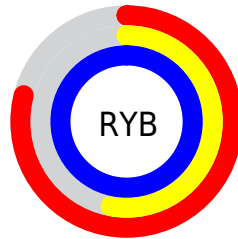
The YUV color **168.1260, 42.8289, 29.7075** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.8740, -42.8289, -29.7075**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **114.0610, 41.3819, 27.1335** is the 20% darker color. If you saturate the color by 10%, you get **150.1620, 51.6851, 35.8149**, and if you desaturate by 10%, it is **186.6770, 33.6832, 23.0853**.

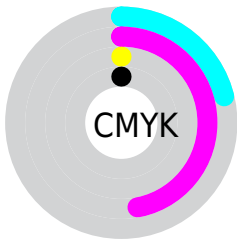
Distribution



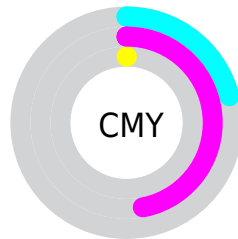
- Red (79%)
- Green (53%)
- Blue (100%)



- Red (79%)
- Yellow (53%)
- Blue (100%)



- Cyan (21%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.1260, 42.8289, 29.7075 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 168.1260, 42.8289, 29.7075 by changing the saturation by 10% instead.


 168.1260, 42.8289,
29.7075


 168.1260, 42.8289,
29.7075


255.0000, 0.0000,
0.0000


 140.8870, 41.9607,
28.1631


 216.2580, 19.0998,
33.9767


 114.0610, 41.3819,
27.1335


 232.6940, 10.9969,
19.5624

 88.1210, 40.3663,
26.2039

 249.7170, 2.6045,
4.6332

 61.7080, 40.0770,
25.6891

 32.1750, 41.8187,
27.0335

 20.8390, 34.5894,
12.4192

 9.1330, 28.5284,

-3.6246

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 168.1260, 42.8289,
29.7075

■ 168.1260, 42.8289,
29.7075

■ 150.1620, 51.6851,
35.8149

■ 186.6770, 33.6832,
23.0853

■ 131.6110, 60.8308,
42.4372

■ 204.6410, 24.8270,
16.9778

■ 113.3480, 69.8344,
47.9298

■ 223.4910, 15.5339,
10.9704

■ 94.7970, 78.9801,
54.5520

■ 241.4550, 6.6777,
4.8630

■ 76.8330, 87.8363, 255.0000, 0.0000,
60.6595 0.0000

■ 71.8270, 90.3043,
62.4187

Harmonies

Analogous

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



148.9920, 52.2619, -56.1210



168.1260, 42.8289, 29.7075



162.5550, 18.9534, 81.0743

Triad

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



168.1260, 42.8289, 29.7075



156.9730, -62.5977, 57.9057



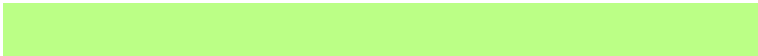
135.0650, 27.5760, -118.4520

Complementary

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



168.1260, 42.8289, 29.7075



220.8740, -42.8289, -29.7075

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.



126.3670, -0.6739, -110.8239



168.1260, 42.8289, 29.7075



151.0310, -67.5563, 14.8818

Square

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



168.1260, 42.8289, 29.7075



156.3920, -37.6613, 86.4792



143.5350, -38.7178, -41.6882



139.8020, 53.3416, -122.6064

Rectangle

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



168.1260, 42.8289, 29.7075



153.6580, 2.6336, 88.8769



143.5350, -38.7178, -41.6882



132.5570, 17.9664, -116.2525

Sweetspot

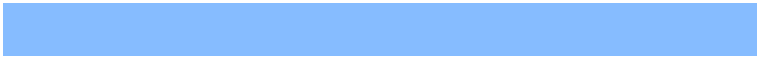
The Sweet Spot groups the original color and five complimentary colors.



168.1260, 42.8289, 29.7075



229.0840, 12.7766, 8.6963



179.4920, 37.2254, -39.8965



112.0960, 7.8407, 5.1778



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.



168.1260, 42.8289, 29.7075



150.7490, 51.3957, 35.3001



183.2890, 32.3955, 62.8905



118.5750, 4.6465, 3.0037



53.7670, 67.6559, 46.6853



18.0600, 22.6484, 15.7334

Inverse Universe

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



176.2210, 5.3140, 69.0892



160.5370, 6.1443, 82.8441



205.7110, -32.3955, -62.8905



119.4570, 0.2677, 7.4922



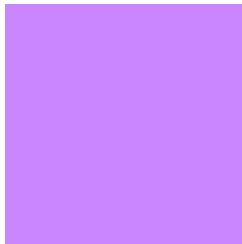
66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 168.1260, 42.8289, 29.7075 looks on a white background.

Color Contrast Check

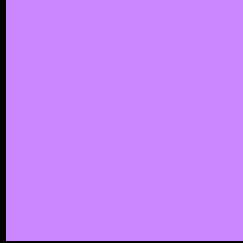
Large Text (above 18pt) WCAG AA × Fail

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 168.1260, 42.8289, 29.7075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

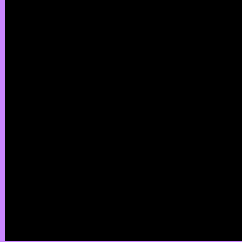
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.1260, 42.8289, 29.7075

Background



This preview shows how black text looks on a background with the YUV color 168.1260, 42.8289, 29.7075.



This preview shows how white text looks on a background with the YUV color 168.1260, 42.8289, 29.7075.

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

168.1260, 42.8289, 29.7075

Protanopia

161.8490, 45.9234, -29.6856

Deuteranopia

160.5450, 43.6083, -33.8040



Tritanopia

165.9360, 0.5246, 18.4731

Trichromacy



Original Color

168.1260, 42.8289, 29.7075



Protanomaly

164.0520, 44.8374, -7.9386



Deuteranomaly

162.9870, 43.3904, -10.5126

Tritanomaly

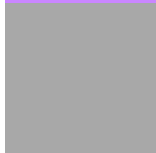
166.3830, 16.0802, 22.4661

Monochromacy



Original Color

168.1260, 42.8289, 29.7075



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.1920, 15.6813, 10.3556

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1260, 42.8289, 29.7075 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(202, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 134, 255)  
}
```

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(202, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 134, 255) }
```

Border

The CSS property to change the border of an element to YUV 168.1260, 42.8289, 29.7075 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(202, 134, 255) }
```


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

```
.border{ border-color:rgb(202, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 134,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 168.1260, 42.8289, 29.7075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 134, 255) }
```

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

```
.background{ background-color: rgb(202,  
134, 255) }
```

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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