

Converting Colors

YUV(168.8420, 26.6999,
22.9406)

Have a look what the booklet for
YUV(168.8420, 26.6999, 22.9406)
contains.

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Color

**YUV(168.8420, 26.6999,
22.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	C391DF
RGB	195, 145, 223
RGB Percent	76%, 57%, 87%
CMY	0.2353, 0.4314, 0.1255
CMYK	0.13, 0.35, 0.00, 0.13
HSL	278°, 55%, 72%
HSV	278°, 35%, 87%
XYZ	45.9504, 37.1806, 74.5668
YIQ	168.8420, 4.7620, 34.8580

Conversions

Conversions Part 2

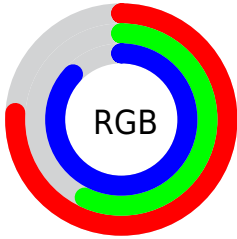
Format	Color
R _Y B	195, 145, 223
Decimal	12816863
CIE Lab	67.41, 32.89, -32.47
CIE LCh	67, 46.218, 315.361
Yxy	37.1806, 0.2914, 0.2358
Android (android.graphics.Color)	4291006943 (0xFFC391DF)
YUV	168.8420, 26.6999, 22.9406
Hunter-Lab	60.9759, 27.8066, -29.8220

Details

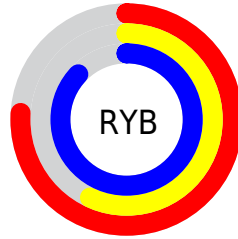
The YUV color **168.8420, 26.6999, 22.9406** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **199.1580, -26.6999, -22.9406**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2310, 16.6481, 26.9844**, and **116.1900, 25.5423, 20.8814** is the 20% darker color. If you saturate the color by 10%, you get **153.5360, 34.2458, 29.3479**, and if you desaturate by 10%, it is **184.1480, 19.1540, 16.5332**.

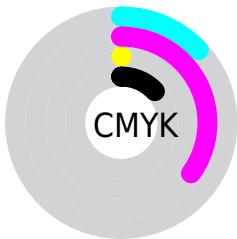
Distribution



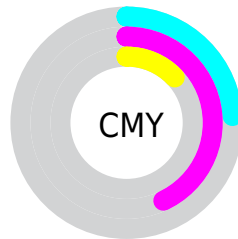
- Red (76%)
- Green (57%)
- Blue (87%)



- Red (76%)
- Yellow (57%)
- Blue (87%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)





- Cyan (24%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.8420, 26.6999, 22.9406 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 168.8420, 26.6999, 22.9406 by changing the saturation by 10% instead.


 168.8420, 26.6999,
22.9406


 168.8420, 26.6999,
22.9406


255.0000, 0.0000,
0.0000


 142.0160, 26.1211,
21.9110


 221.2310, 16.6481,
26.9844


 116.1900, 25.5423,
20.8814

 239.1510, 7.8136,
13.8996

 90.6630, 24.8161,
20.4665

 66.4240, 23.9480,
18.9222

 42.0110, 23.6586,
18.4074

 19.1850, 23.0798,
17.3778

 10.0990, 16.7132,

6.0522

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 168.8420, 26.6999,
22.9406

■ 168.8420, 26.6999,
22.9406

■ 153.5360, 34.2458,
29.3479

■ 184.1480, 19.1540,
16.5332

■ 137.6430, 42.0810,
36.2701

■ 200.0410, 11.3188,
9.6110

■ 122.3370, 49.6269,
42.6775

■ 215.3470, 3.7729,
3.2037

■ 107.0310, 57.1727,
49.0848

■ 230.6530, -3.7729,
-3.2037

91.7250, 64.7186,
55.4922

245.3720,
-11.0294, -9.0962

75.8320, 72.5538,
62.4143

247.7640,
-12.2087, -4.1780

68.1790, 76.3268,
65.6180

250.1560,
-13.3879, 0.7402

251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



162.6880, 40.0868, -24.2824



168.8420, 26.6999, 22.9406



167.7570, 8.9938, 55.4641

Triad

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



168.8420, 26.6999, 22.9406



162.3400, -39.1146, 39.1668



130.2720, 26.9809, -114.2485

Complementary

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



168.8420, 26.6999, 22.9406



199.1580, -26.6999, -22.9406

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.



141.2390, 0.3752, -73.8776



168.8420, 26.6999, 22.9406



158.9680, -38.4382, 8.7981

Square

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



168.8420, 26.6999, 22.9406



164.3440, -28.2706, 61.0883



153.4070, -24.3577, -27.5439



132.7290, 44.0106, -116.4033

Rectangle

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



168.8420, 26.6999, 22.9406



166.0930, -3.9898, 66.5704



153.4070, -24.3577, -27.5439



128.6760, 20.8657, -112.8489

Sweetspot

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



168.8420, 26.6999, 22.9406



237.6340, 8.5614, 7.3370



170.9150, 25.6779, -22.7275



116.8140, 5.5147, 4.5481



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.



168.8420, 26.6999, 22.9406



180.8290, 36.5663, 31.7220



176.0740, 18.2045, 41.1541



104.3470, 3.7729, 3.2037



53.8510, 60.2195, 51.8737



14.7410, 16.3967, 14.2591

Inverse Universe

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



171.5140, 0.7326, 45.1532



184.3250, 0.8258, 61.9820



191.9260, -18.2045, -41.1541



104.7450, 0.1257, 6.3626



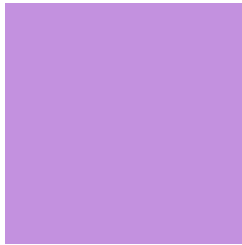
59.8060, 1.5746, 101.9021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 168.8420, 26.6999, 22.9406 looks on a white background.

Color Contrast Check

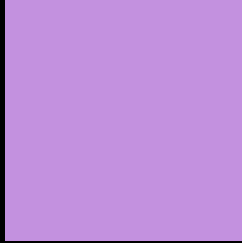
Large Text (above 18pt) WCAG AA × Fail

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 168.8420, 26.6999, 22.9406 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 168.8420, 26.6999, 22.9406

Background



This preview shows how black text looks on a background with the YUV color 168.8420, 26.6999, 22.9406.



This preview shows how white text looks on a background with the YUV color 168.8420, 26.6999,

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

168.8420, 26.6999, 22.9406

Protanopia

164.1570, 35.4186, -20.3087

Deuteranopia

165.0240, 27.1032, -13.1760



Tritanopia

166.6370, 0.6720, 17.8584

Trichromacy



Original Color

168.8420, 26.6999, 22.9406

Protanomaly

166.0450, 32.0228, -4.4245

Deuteranomaly

166.4000, 26.9178, -0.3508

Tritanomaly

167.4660, 10.1233, 19.7623

Monochromacy



Original Color

168.8420, 26.6999, 22.9406

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6880, 10.0138, 8.1666

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8420, 26.6999, 22.9406 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(195, 145, 223)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 223)  
}
```

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(195, 145, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 223) }
```

Border

The CSS property to change the border of an element to YUV 168.8420, 26.6999, 22.9406 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(195, 145, 223) }
```


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

```
.border{ border-color:rgb(195, 145, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 145, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 223);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 168.8420, 26.6999, 22.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 223) }
```

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

```
.background{ background-color: rgb(195,  
145, 223) }
```

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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