

Converting Colors

YUV(167.8600, 42.9600,
34.3258)

Have a look what the booklet for
YUV(167.8600, 42.9600, 34.3258)
contains.

YUV(167.8600, 42.9600, 34.3258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(167.8600, 42.9600,
34.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	CF83FF
RGB	207, 131, 255
RGB Percent	81%, 51%, 100%
CMY	0.1882, 0.4863, 0.0000
CMYK	0.19, 0.49, 0.00, 0.00
HSL	277°, 100%, 76%
HSV	277°, 49%, 100%
XYZ	51.8984, 36.7180, 98.9597
YIQ	167.8600, 5.4920, 54.6760

Conversions

Conversions Part 2

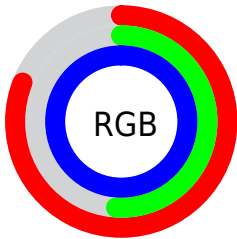
Format	Color
R_{YB}	207, 131, 255
Decimal	13599743
CIE _{Lab}	67.06, 50.63, -50.51
CIE _{LCh}	67, 71.523, 315.068
Yxy	36.7180, 0.2767, 0.1957
Android (android.graphics.Color)	4291789823 (0xFFCF83FF)
YUV	167.8600, 42.9600, 34.3258
Hunter-Lab	60.5954, 46.8389, -54.4111

Details

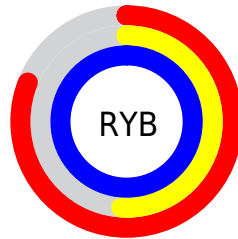
The YUV color **167.8600, 42.9600, 34.3258** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218.1400, -42.9600, -34.3258**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 19.9680, 35.5211**, and **113.7950, 41.5131, 31.7518** is the 20% darker color. If you saturate the color by 10%, you get **150.1950, 51.6689, 41.0480**, and if you desaturate by 10%, it is **185.5250, 34.2512, 27.6036**.

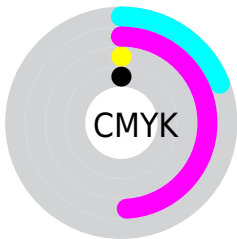
Distribution



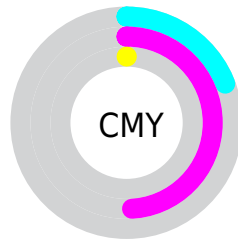
- Red (81%)
- Green (51%)
- Blue (100%)



- Red (81%)
- Yellow (51%)
- Blue (100%)



- Cyan (19%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.8600, 42.9600, 34.3258 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 167.8600, 42.9600, 34.3258 by changing the saturation by 10% instead.


 167.8600, 42.9600,
34.3258


 167.8600, 42.9600,
34.3258


255.0000, 0.0000,
0.0000

 140.6210, 42.0918,
32.7814


 214.4970, 19.9680,
35.5211


 113.7950, 41.5131,
31.7518


 230.9330, 11.8650,
21.1068

 86.9690, 40.9343,
30.7222

 247.9560, 3.4727,
6.1776

 59.3820, 41.2237,
31.2370

 33.6700, 41.0817,
30.1074

 22.3340, 33.8523,
15.4931

 11.2260, 27.4966,

0.6788

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 167.8600, 42.9600,
34.3258

■ 167.8600, 42.9600,
34.3258

■ 150.1950, 51.6689,
41.0480

■ 185.5250, 34.2512,
27.6036

■ 131.9430, 60.6671,
48.2850

■ 203.7770, 25.2529,
20.3666

■ 114.2780, 69.3759,
55.0072

■ 222.0290, 16.2547,
13.1296

■ 96.3250, 78.2268,
62.8590

■ 239.3950, 7.6933,
5.7926

■ 78.6600, 86.9356, 255.0000, 0.0000,
69.5812 0.0000

■ 75.7140, 88.3880,
70.4108

Harmonies

Analogous

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



149.9000, 51.8143, -52.5323



167.8600, 42.9600, 34.3258



159.8650, 18.8006, 83.4334

Triad

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



167.8600, 42.9600, 34.3258



155.0070, -67.5445, 57.8759



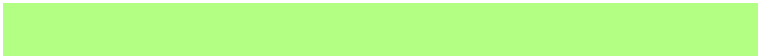
135.5210, 29.3231, -118.8519

Complementary

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



167.8600, 42.9600, 34.3258



218.1400, -42.9600, -34.3258

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.



126.7090, 0.6365, -111.1238



167.8600, 42.9600, 34.3258



148.9400, -72.9344, 13.2076

Square

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



167.8600, 42.9600, 34.3258



155.7080, -40.2820, 87.0791



141.6160, -38.2647, -47.0212



140.3720, 55.5256, -123.1062

Rectangle

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



167.8600, 42.9600, 34.3258



150.8540, 2.0440, 91.3360



141.6160, -38.2647, -47.0212



133.0130, 19.7136, -116.6524

Sweetspot

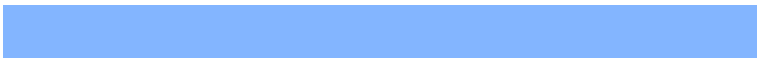
The Sweet Spot groups the original color and five complimentary colors.



167.8600, 42.9600, 34.3258



228.2090, 13.2080, 10.3407



174.4860, 39.6934, -38.1372



111.8080, 7.9827, 6.3074



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.



167.8600, 42.9600, 34.3258



151.0810, 51.2321, 41.1480



180.8440, 30.6429, 65.0348



118.8740, 4.4991, 3.6185



56.7570, 66.1818, 52.8331



18.9570, 22.2062, 17.5777

Inverse Universe

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



173.5480, 2.6878, 71.4334



157.7500, 3.0813, 85.2883



205.1560, -30.6429, -65.0348



119.4570, 0.2677, 7.4922



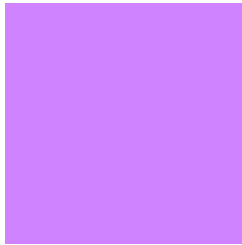
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 167.8600, 42.9600, 34.3258 looks on a white background.

Color Contrast Check

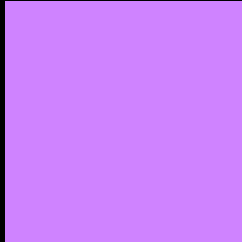
Large Text (above 18pt) WCAG AA × Fail

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 167.8600, 42.9600, 34.3258 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 167.8600, 42.9600, 34.3258 Background



This preview shows how black text looks on a background with the YUV color 167.8600, 42.9600, 34.3258.



This preview shows how white text looks on a background with the YUV color 167.8600, 42.9600,

34.3258.

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

167.8600, 42.9600, 34.3258

Protanopia

161.5500, 46.0709, -30.3003

Deuteranopia

160.5450, 43.6083, -33.8040



Tritanopia

165.9150, -0.9441, 22.8765

Trichromacy



Original Color

167.8600, 42.9600, 34.3258



Protanomaly

163.7640, 44.9793, -6.8090



Deuteranomaly

162.9980, 43.3850, -8.7682



Tritanomaly

166.4760, 15.0483, 26.7695

Monochromacy



Original Color

167.8600, 42.9600, 34.3258



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.2030, 15.6759, 12.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8600, 42.9600, 34.3258 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(207, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 131, 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(207, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 131, 255) }
```

Border

The CSS property to change the border of an element to YUV 167.8600, 42.9600, 34.3258 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(207, 131, 255) }
```


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

```
.border{ border-color:rgb(207, 131, 255) }
```

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

Here you see how a box with a 4 pixel rgb(207, 131, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 131,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 167.8600, 42.9600, 34.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 131, 255) }
```

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

```
.background{ background-color: rgb(207,  
131, 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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