

Converting Colors

YUV(186.2470, 32.4162, 9.4304)

Have a look what the booklet for
YUV(186.2470, 32.4162, 9.4304)
contains.

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Color

**YUV(186.2470, 32.4162,
9.4304)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A8FC
RGB	197, 168, 252
RGB Percent	77%, 66%, 99%
CMY	0.2275, 0.3412, 0.0118
CMYK	0.22, 0.33, 0.00, 0.01
HSL	261°, 93%, 82%
HSV	261°, 33%, 99%
XYZ	54.5993, 46.9039, 98.2711
YIQ	186.2470, -9.6800, 32.2720

Conversions

Conversions Part 2

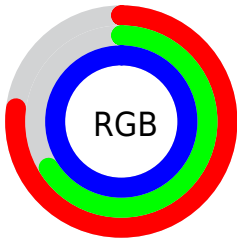
Format	Color
R _Y B	197, 168, 252
Decimal	12953852
CIE Lab	74.13, 27.16, -37.89
CIE LCh	74, 46.614, 305.635
Yxy	46.9039, 0.2733, 0.2348
Android (android.graphics.Color)	4291143932 (0xFFC5A8FC)
YUV	186.2470, 32.4162, 9.4304
Hunter-Lab	68.4864, 22.4540, -37.1347

Details

The YUV color **186.2470, 32.4162, 9.4304** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **233.7530, -32.4162, -9.4304**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 9.2605, 16.4736**, and **132.7800, 30.6745, 8.0859** is the 20% darker color. If you saturate the color by 10%, you get **166.4890, 42.1569, 11.8491**, and if you desaturate by 10%, it is **205.7060, 22.8229, 6.3968**.

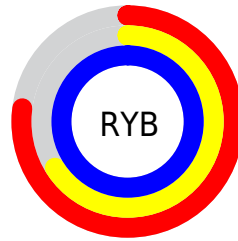
Distribution



Red (77%)

Green (66%)

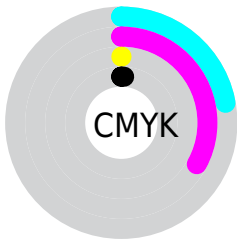
Blue (99%)



Red (77%)

Yellow (66%)

Blue (99%)

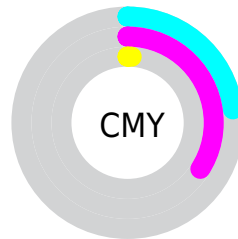


Cyan (22%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (23%)


Magenta (34%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.2470, 32.4162, 9.4304 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 186.2470, 32.4162, 9.4304 by changing the saturation by 10% instead.


 186.2470, 32.4162,
9.4304

 186.2470, 32.4162,
9.4304


255.0000, 0.0000,
0.0000


 158.7200, 31.6900,
9.0156


 236.2160, 9.2605,
16.4736


 132.7800, 30.6745,
8.0859

 253.2390, 0.8682,
1.5444

 106.9540, 30.0957,
7.0563

 82.0140, 29.0801,
6.1267

 58.0740, 28.0645,
5.1971

 35.1230, 27.0544,
2.5231

 10.8130, 27.2072,

0.1640

■ 6.0760, 18.2035,
-5.3287

■ 3.0950, 9.3202,
-2.7143

■ 186.2470, 32.4162,
9.4304

■ 186.2470, 32.4162,
9.4304

■ 166.4890, 42.1569,
11.8491

■ 205.7060, 22.8229,
6.3968

■ 147.0300, 51.7502,
14.8827

■ 225.4640, 13.0822,
3.9781

■ 126.6850, 61.7803,
17.8163

■ 245.8090, 3.0522,
1.0445

■ 107.2260, 71.3736,
20.8498

■ 254.6580, -1.3104,
0.2999

■ 87.4680, 81.1143,
23.2686

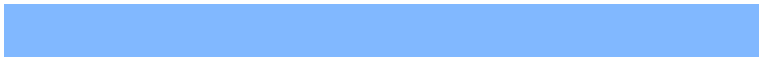
■ 68.0090, 90.7076,
26.3021

■ 54.7410, 97.2487,
28.2911

Harmonies

Analogous

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



175.6490, 39.1200, -40.9112



186.2470, 32.4162, 9.4304



187.0210, 15.2726, 48.2166

Triad

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



186.2470, 32.4162, 9.4304



181.1610, -37.5474, 49.8478



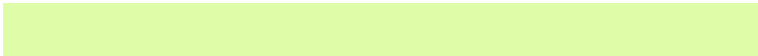
141.8810, 23.2297, -124.4296

Complementary

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



186.2470, 32.4162, 9.4304



233.7530, -32.4162, -9.4304

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.



165.0040, -9.8620, -57.0085



186.2470, 32.4162, 9.4304



177.7630, -40.8022, 20.3788

Square

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



186.2470, 32.4162, 9.4304



181.4460, -22.8979, 64.5069



173.1760, -30.6528, -15.0634



145.4950, 42.1540, -127.5991

Rectangle

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



186.2470, 32.4162, 9.4304



184.7810, 2.5730, 61.5821



173.1760, -30.6528, -15.0634



153.3380, 10.1864, -94.1354

Sweetspot

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



186.2470, 32.4162, 9.4304



235.2420, 9.7407, 2.4188



210.4480, 20.4851, -37.2269



115.3190, 6.2517, 1.4742



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.



186.2470, 32.4162, 9.4304



175.0930, 39.3942, 11.3194



198.5060, 26.3725, 34.6362



114.9770, 4.9413, 1.7742



40.9810, 72.9734, 21.0647



13.2330, 23.5491, 6.8117

Inverse Universe

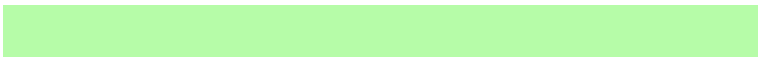
The Inverse Universe completely reimagines the original color for something new.



199.3860, 11.6417, 46.1425



191.1360, 14.2300, 56.0087



221.4940, -26.3725, -34.6362



116.9130, 2.0149, 7.0923



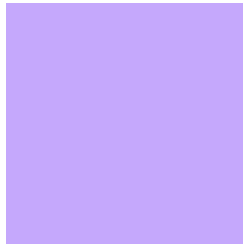
70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 186.2470, 32.4162, 9.4304 looks on a white background.

Color Contrast Check

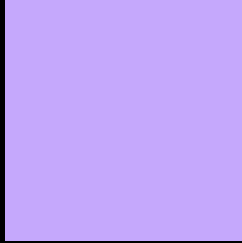
Large Text (above 18pt) WCAG AA × Fail

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 186.2470, 32.4162, 9.4304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

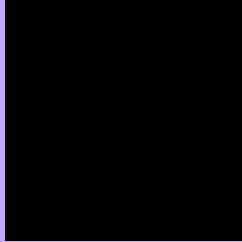
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2470, 32.4162, 9.4304

Background



This preview shows how black text looks on a background with the YUV color 186.2470, 32.4162, 9.4304.



This preview shows how white text looks on a background with the YUV color 186.2470, 32.4162, 9.4304.

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

186.2470, 32.4162, 9.4304

Protanopia

182.2710, 35.8554, -20.4087

Deuteranopia

182.5980, 33.2292, -18.0644



Tritanopia

183.6890, 5.0833, 2.9037

Trichromacy



Original Color

186.2470, 32.4162, 9.4304

Protanomaly

183.9950, 34.5125, -9.6426

Deuteranomaly

184.2510, 32.9073, -8.1131

Tritanomaly

184.9310, 14.8240, 5.3225

Monochromacy



Original Color

186.2470, 32.4162, 9.4304

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8230, 11.9193, 3.6632

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2470, 32.4162, 9.4304 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(197, 168, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 168, 252)  
}
```

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(197, 168, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 168, 252) }
```

Border

The CSS property to change the border of an element to YUV 186.2470, 32.4162, 9.4304 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(197, 168, 252) }
```


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

```
.border{ border-color:rgb(197, 168, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 168, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 168, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 168, 252); box-shadow:4px 4px 4px 4px rgb(197, 168, 252) }
```

Background

The CSS property to change the background color of an element to YUV 186.2470, 32.4162, 9.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 168, 252) }
```

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

```
.background{ background-color: rgb(197,  
168, 252) }
```

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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