

Converting Colors

YUV(185.4160, 32.8259,
18.0522)

Have a look what the booklet for
YUV(185.4160, 32.8259, 18.0522)
contains.

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Color

**YUV(185.4160, 32.8259,
18.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA2FC
RGB	206, 162, 252
RGB Percent	81%, 64%, 99%
CMY	0.1922, 0.3647, 0.0118
CMYK	0.18, 0.36, 0.00, 0.01
HSL	269°, 94%, 81%
HSV	269°, 36%, 99%
XYZ	55.9446, 45.9907, 98.0240
YIQ	185.4160, -2.6660, 37.3180

Conversions

Conversions Part 2

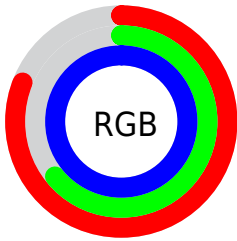
Format	Color
R _Y B	206, 162, 252
Decimal	13542140
CIE Lab	73.54, 33.08, -38.74
CIE LCh	74, 50.942, 310.497
Yxy	45.9907, 0.2798, 0.2300
Android (android.graphics.Color)	4291732220 (0xFFCEA2FC)
YUV	185.4160, 32.8259, 18.0522
Hunter-Lab	67.8165, 28.5732, -38.2280

Details

The YUV color **185.4160, 32.8259, 18.0522** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **228.5840, -32.8259, -18.0522**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **131.6500, 31.2316, 16.0930** is the 20% darker color. If you saturate the color by 10%, you get **166.8540, 41.9770, 22.9300**, and if you desaturate by 10%, it is **203.9780, 23.6748, 13.1743**.

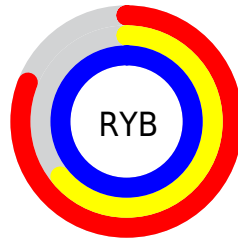
Distribution



Red (81%)

Green (64%)

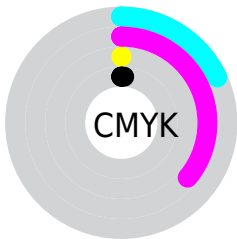
Blue (99%)



Red (81%)

Yellow (64%)

Blue (99%)

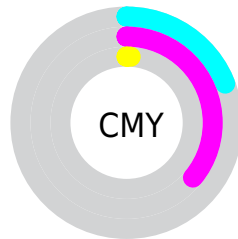


Cyan (18%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (19%)


Magenta (36%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.4160, 32.8259, 18.0522 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 185.4160, 32.8259, 18.0522 by changing the saturation by 10% instead.

 185.4160, 32.8259,
18.0522


 185.4160, 32.8259,
18.0522


255.0000, 0.0000,
0.0000


 157.8890, 32.0997,
17.6373


 232.6940, 10.9969,
19.5624


 131.6500, 31.2316,
16.0930

 249.7170, 2.6045,
4.6332

 105.8240, 30.6528,
15.0634

 80.8840, 29.6372,
14.1337

 56.6450, 28.7690,
12.5893

 32.8190, 28.1902,
11.5597

 14.1020, 25.5857,

6.9265

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 185.4160, 32.8259,
18.0522

■ 185.4160, 32.8259,
18.0522

■ 166.8540, 41.9770,
22.9300

■ 203.9780, 23.6748,
13.1743

■ 148.2920, 51.1280,
27.8079

■ 222.5400, 14.5238,
8.2964

■ 129.1430, 60.5685,
33.2006

■ 241.6890, 5.0833,
2.9037

■ 110.5810, 69.7196,
38.0785

■ 254.6580, -1.3104,
0.2999

■ 92.3180, 78.7232,
43.5711

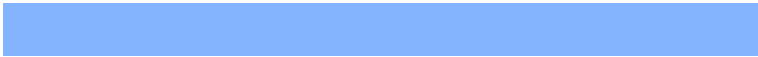
■ 73.7560, 87.8743,
48.4490

■ 65.5050, 91.9420,
50.4231

Harmonies

Analogous

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



174.4970, 39.6880, -36.3929



185.4160, 32.8259, 18.0522



185.0330, 13.7877, 57.8531

Triad

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



185.4160, 32.8259, 18.0522



178.4830, -42.6361, 48.6884



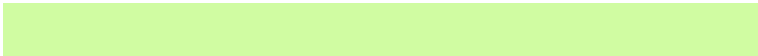
142.6790, 26.2873, -125.1295

Complementary

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



185.4160, 32.8259, 18.0522



228.5840, -32.8259, -18.0522

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.



157.5720, -4.7190, -73.2926



185.4160, 32.8259, 18.0522



174.9320, -43.8435, 15.8456

Square

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



185.4160, 32.8259, 18.0522



178.7900, -27.9975, 66.8362



169.1210, -30.6257, -23.7851



145.9340, 46.3745, -127.9841

Rectangle

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



185.4160, 32.8259, 18.0522



180.3470, 0.8149, 65.4707



169.1210, -30.6257, -23.7851



140.2680, 19.5879, -123.0150

Sweetspot

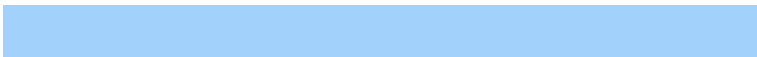
The Sweet Spot groups the original color and five complimentary colors.



185.4160, 32.8259, 18.0522



234.3780, 10.1666, 5.8075



199.8490, 25.7104, -33.1936



115.3300, 6.2463, 3.2186



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.



185.4160, 32.8259, 18.0522



173.6860, 40.0878, 22.2004



198.8710, 26.1926, 45.7171



115.5750, 4.6465, 3.0037



49.0540, 68.9934, 37.6636



15.9240, 22.2225, 12.3447

Inverse Universe

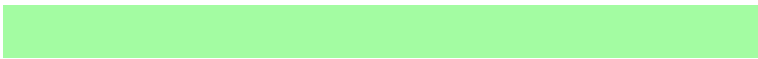
The Inverse Universe completely reimagines the original color for something new.



194.1540, 6.8261, 50.7309



184.2740, 8.2459, 62.0267



215.1290, -26.1926, -45.7171



116.6850, 1.1413, 7.2923



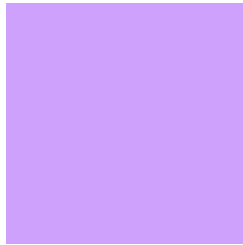
67.4550, 14.0727, 106.5950



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 185.4160, 32.8259, 18.0522 looks on a white background.

Color Contrast Check

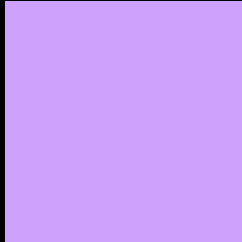
Large Text (above 18pt) WCAG AA × Fail

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 185.4160, 32.8259, 18.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

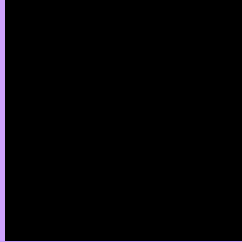
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.4160, 32.8259, 18.0522

Background



This preview shows how black text looks on a background with the YUV color 185.4160, 32.8259, 18.0522.

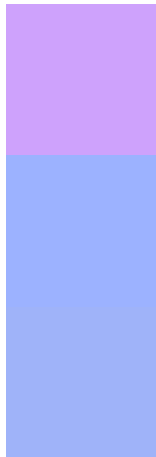


This preview shows how white text looks on a background with the YUV color 185.4160, 32.8259, 18.0522.

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

185.4160, 32.8259, 18.0522

Protanopia

180.2000, 36.8764, -21.2234

Deuteranopia

181.0000, 33.5240, -19.2940



Tritanopia

182.5760, 3.1670, 10.8958

Trichromacy



Original Color

185.4160, 32.8259, 18.0522



Protanomaly

181.9460, 35.5226, -6.9686



Deuteranomaly

182.6750, 33.1912, -5.8540

Tritanomaly

183.4590, 14.0707, 13.6295

Monochromacy



Original Color

185.4160, 32.8259, 18.0522



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.4320, 11.6190, 6.6371

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4160, 32.8259, 18.0522 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(206, 162, 252)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 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(206, 162, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 252) }
```

Border

The CSS property to change the border of an element to YUV 185.4160, 32.8259, 18.0522 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(206, 162, 252) }
```


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

```
.border{ border-color:rgb(206, 162, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 252);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 185.4160, 32.8259, 18.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 252) }
```

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

```
.background{ background-color: rgb(206,  
162, 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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