

Converting Colors

YUV(181.9260, 36.0255,
18.4819)

Have a look what the booklet for
YUV(181.9260, 36.0255, 18.4819)
contains.

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Color

**YUV(181.9260, 36.0255,
18.4819)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9DFF
RGB	203, 157, 255
RGB Percent	80%, 62%, 100%
CMY	0.2039, 0.3843, 0.0000
CMYK	0.20, 0.38, 0.00, 0.00
HSL	268°, 100%, 81%
HSV	268°, 38%, 100%
XYZ	54.7356, 44.0305, 100.2216
YIQ	181.9260, -4.0420, 40.2300

Conversions

Conversions Part 2

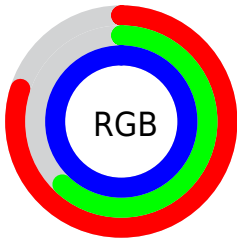
Format	Color
R _{YB}	203, 157, 255
Decimal	13344255
CIE _{Lab}	72.25, 35.60, -42.40
CIE _{LCh}	72, 55.364, 310.024
Yxy	44.0305, 0.2751, 0.2213
Android (android.graphics.Color)	4291534335 (0xFFCB9DFF)
YUV	181.9260, 36.0255, 18.4819
Hunter-Lab	66.3554, 31.1198, -43.1013

Details

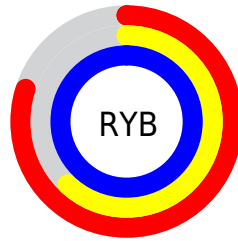
The YUV color **181.9260, 36.0255, 18.4819** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **230.0740, -36.0255, -18.4819**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **128.1600, 34.4311, 16.5227** is the 20% darker color. If you saturate the color by 10%, you get **163.0650, 45.3240, 22.7450**, and if you desaturate by 10%, it is **201.3740, 26.4376, 13.7040**.

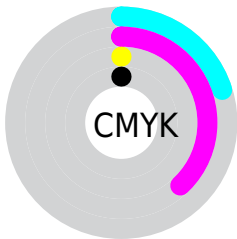
Distribution



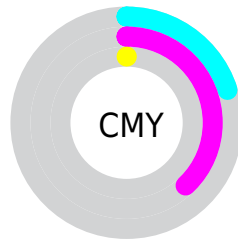
- Red (80%)
- Green (62%)
- Blue (100%)



- Red (80%)
- Yellow (62%)
- Blue (100%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.9260, 36.0255, 18.4819 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 181.9260, 36.0255, 18.4819 by changing the saturation by 10% instead.


 181.9260, 36.0255,
18.4819


 181.9260, 36.0255,
18.4819


255.0000, 0.0000,
0.0000


 154.9860, 35.0099,
17.5523


 229.7590, 12.4438,
22.1364


 128.1600, 34.4311,
16.5227

 246.7820, 4.0515,
7.2072

 102.2200, 33.4155,
15.5931

 77.2800, 32.4000,
14.6634

 53.0410, 31.5318,
13.1190

 28.0300, 31.5372,
11.3747

 12.8350, 27.1963,

3.6527

■ 6.3040, 19.0771,
-5.5286

■ 3.2090, 9.7570,
-2.8143

■ 181.9260, 36.0255,
18.4819

■ 181.9260, 36.0255,
18.4819

■ 163.0650, 45.3240,
22.7450

■ 201.3740, 26.4376,
13.7040

■ 143.9160, 54.7644,
28.1377

■ 219.9360, 17.2866,
8.8261

■ 125.0550, 64.0629,
32.4008

■ 239.3840, 7.6987,
4.0482

■ 105.9060, 73.5033,
37.7934

■ 255.0000, 0.0000,
0.0000

■ 86.4580, 83.0912,
42.5713

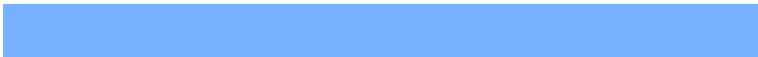
■ 67.8960, 92.2423,
47.4492

■ 64.9500, 93.6947,
48.2789

Harmonies

Analogous

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



168.5500, 42.6199, -43.4553



181.9260, 36.0255, 18.4819



181.2230, 15.6661, 62.0714

Triad

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



181.9260, 36.0255, 18.4819



174.2940, -45.9939, 52.3622



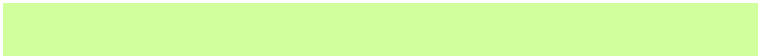
141.1630, 25.5556, -123.8000

Complementary

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



181.9260, 36.0255, 18.4819



230.0740, -36.0255, -18.4819

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.



149.0220, -3.9548, -85.0883



181.9260, 36.0255, 18.4819



170.6780, -48.6483, 16.9454

Square

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



181.9260, 36.0255, 18.4819



173.8830, -29.0293, 71.1396



164.6000, -33.8198, -25.9592



144.8740, 47.3901, -127.0545

Rectangle

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



181.9260, 36.0255, 18.4819



174.7220, 2.1091, 70.4038



164.6000, -33.8198, -25.9592



138.6380, 18.4195, -121.5855

Sweetspot

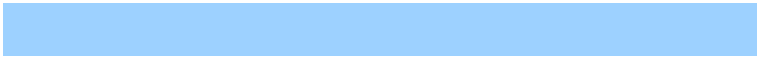
The Sweet Spot groups the original color and five complimentary colors.



181.9260, 36.0255, 18.4819



232.0190, 11.3296, 6.1223



198.6960, 27.7579, -36.5674



114.4440, 6.6831, 3.1186



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.



181.9260, 36.0255, 18.4819



167.7830, 42.9980, 22.1153



196.5770, 28.8025, 48.6060



118.2760, 4.7939, 2.3889



48.6840, 70.1618, 36.2341



16.2660, 23.5329, 12.0447

Inverse Universe

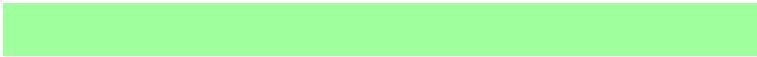
The Inverse Universe completely reimagines the original color for something new.



192.2300, 8.2676, 55.0493



180.0510, 9.8349, 65.7303



215.4230, -28.8025, -48.6060



119.6850, 1.1413, 7.2923



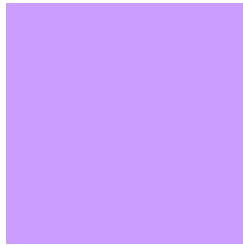
68.6230, 15.9619, 107.3246



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 181.9260, 36.0255, 18.4819 looks on a white background.

Color Contrast Check

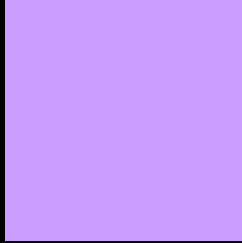
Large Text (above 18pt) WCAG AA × Fail

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 181.9260, 36.0255, 18.4819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

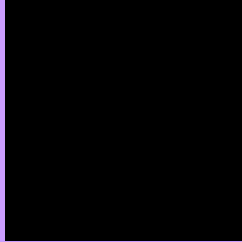
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.9260, 36.0255, 18.4819

Background



This preview shows how black text looks on a background with the YUV color 181.9260, 36.0255, 18.4819.



This preview shows how white text looks on a background with the YUV color 181.9260, 36.0255, 18.4819.

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

181.9260, 36.0255, 18.4819

Protanopia

176.9440, 38.4816, -22.7529

Deuteranopia

176.1890, 36.8818, -22.9678



Tritanopia

179.1630, 2.8776, 10.3810

Trichromacy



Original Color

181.9260, 36.0255, 18.4819

Protanomaly

178.5160, 37.7066, -7.4685

Deuteranomaly

177.8750, 36.5436, -7.7834

Tritanomaly

180.2740, 14.6549, 12.9147

Monochromacy



Original Color

181.9260, 36.0255, 18.4819

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1870, 13.2188, 6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.9260, 36.0255, 18.4819 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(203, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 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(203, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.9260, 36.0255, 18.4819 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(203, 157, 255) }
```


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

```
.border{ border-color:rgb(203, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.9260, 36.0255, 18.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 255) }
```

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

```
.background{ background-color: rgb(203,  
157, 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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