

Converting Colors

YUV(181.3720, 36.2986,
24.2298)

Have a look what the booklet for
YUV(181.3720, 36.2986, 24.2298)
contains.

YUV(181.3720, 36.2986, 24.2298)	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(181.3720, 36.2986,
24.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	D199FF
RGB	209, 153, 255
RGB Percent	82%, 60%, 100%
CMY	0.1804, 0.4000, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	273°, 100%, 80%
HSV	273°, 40%, 100%
XYZ	55.7357, 43.5578, 100.0776
YIQ	181.3720, 0.6340, 43.5940

Conversions

Conversions Part 2

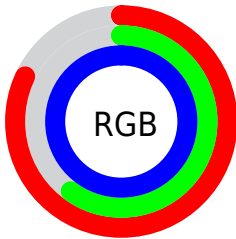
Format	Color
R _Y B	209, 153, 255
Decimal	13736447
CIE Lab	71.93, 39.49, -42.85
CIE LCh	72, 58.271, 312.663
Yxy	43.5578, 0.2796, 0.2185
Android (android.graphics.Color)	4291926527 (0xFFD199FF)
YUV	181.3720, 36.2986, 24.2298
Hunter-Lab	65.9983, 35.2466, -43.7066

Details

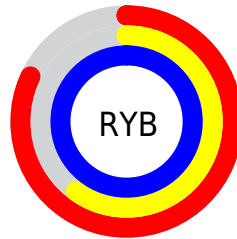
The YUV color **181.3720, 36.2986, 24.2298** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **226.6280, -36.2986, -24.2298**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **127.6060, 34.7042, 22.2705** is the 20% darker color. If you saturate the color by 10%, you get **163.1090, 45.3023, 29.7224**, and if you desaturate by 10%, it is **199.9230, 27.1530, 17.6075**.

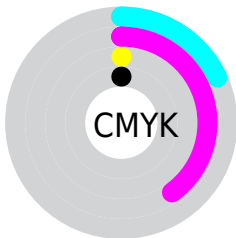
Distribution



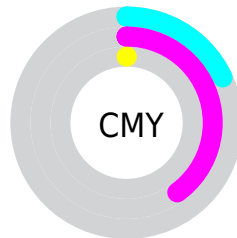
- Red (82%)
- Green (60%)
- Blue (100%)



- Red (82%)
- Yellow (60%)
- Blue (100%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.3720, 36.2986, 24.2298 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 181.3720, 36.2986, 24.2298 by changing the saturation by 10% instead.


 181.3720, 36.2986,
24.2298


 181.3720, 36.2986,
24.2298


255.0000, 0.0000,
0.0000


 154.4320, 35.2830,
23.3001


 227.4110, 13.6014,
24.1956


 127.6060, 34.7042,
22.2705

 244.4340, 5.2090,
9.2664

 101.6660, 33.6887,
21.3409

 75.8400, 33.1099,
20.3113

 51.0140, 32.5311,
19.2817

 25.1280, 32.9679,
19.1817

 14.6290, 26.3119,

7.3414

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 181.3720, 36.2986,
24.2298

■ 181.3720, 36.2986,
24.2298

■ 163.1090, 45.3023,
29.7224

■ 199.9230, 27.1530,
17.6075

■ 144.5580, 54.4479,
36.3446

■ 218.1860, 18.1493,
12.1149

■ 126.2950, 63.4516,
41.8373

■ 236.7370, 9.0037,
5.4927

■ 107.7440, 72.5972,
48.4595

■ 255.0000, 0.0000,
0.0000

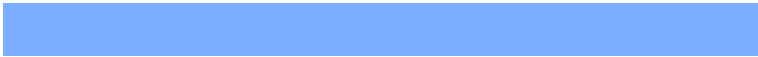
■ 88.8940, 81.8903,
54.4670

■ 70.9300, 90.7465,
60.5744

Harmonies

Analogous

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



167.9850, 42.8984, -39.4518



181.3720, 36.2986, 24.2298



178.7290, 14.9236, 66.8897

Triad

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



181.3720, 36.2986, 24.2298



172.6700, -49.6303, 52.0324



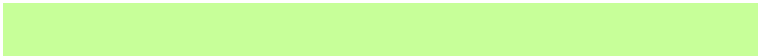
141.7330, 27.7396, -124.2998

Complementary

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



181.3720, 36.2986, 24.2298



226.6280, -36.2986, -24.2298

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.



134.2890, 4.2945, -117.7715



181.3720, 36.2986, 24.2298



169.0860, -50.8214, 13.9566

Square

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



181.3720, 36.2986, 24.2298



171.7970, -31.9449, 72.9690



161.6810, -33.3667, -31.2922



145.5580, 50.0109, -127.6544

Rectangle

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



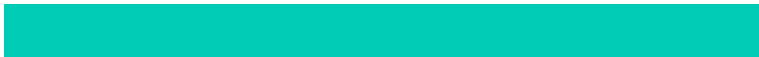
181.3720, 36.2986, 24.2298



171.8040, 1.0826, 72.9629



161.6810, -33.3667, -31.2922



139.6810, 19.8773, -122.5002

Sweetspot

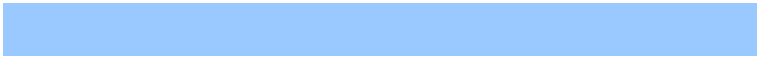
The Sweet Spot groups the original color and five complimentary colors.



181.3720, 36.2986, 24.2298



232.6170, 11.0348, 7.3519



192.8040, 30.6626, -34.9081



114.7430, 6.5357, 3.7334



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.



181.3720, 36.2986, 24.2298



166.9410, 43.4131, 28.9927



194.7840, 28.2075, 52.8094



118.5750, 4.6465, 3.0037



53.1690, 67.9507, 45.4558



17.7610, 22.7958, 15.1186

Inverse Universe

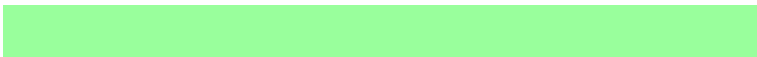
The Inverse Universe completely reimagines the original color for something new.



188.7420, 5.0572, 58.1083



175.7480, 6.0402, 69.5040



213.2160, -28.2075, -52.8094



119.5710, 0.7045, 7.3922



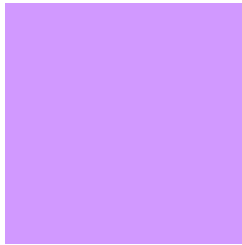
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 181.3720, 36.2986, 24.2298 looks on a white background.

Color Contrast Check

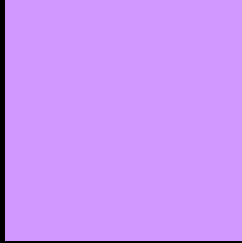
Large Text (above 18pt) WCAG AA × Fail

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 181.3720, 36.2986, 24.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

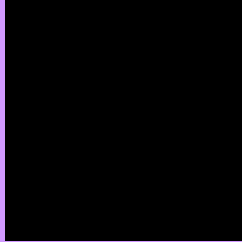
Any Text WCAG AA ✓ Pass

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 181.3720, 36.2986, 24.2298 Background



This preview shows how black text looks on a background with the YUV color 181.3720, 36.2986, 24.2298.



This preview shows how white text looks on a background with the YUV color 181.3720, 36.2986, 24.2298.

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

181.3720, 36.2986, 24.2298

Protanopia

175.7590, 39.0658, -23.4676

Deuteranopia

175.8900, 37.0292, -23.5825



Tritanopia

178.8540, 1.5510, 15.9140

Trichromacy



Original Color

181.3720, 36.2986, 24.2298



Protanomaly

177.6410, 38.1380, -5.8242



Deuteranomaly

177.8860, 36.5382, -6.0390

Tritanomaly

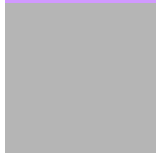
179.6060, 14.4912, 18.7625

Monochromacy



Original Color

181.3720, 36.2986, 24.2298



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.1980, 13.2134, 8.5964

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.3720, 36.2986, 24.2298 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(209, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 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(209, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.3720, 36.2986, 24.2298 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(209, 153, 255) }
```


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

```
.border{ border-color:rgb(209, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.3720, 36.2986, 24.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 255) }
```

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

```
.background{ background-color: rgb(209,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor