

Converting Colors

YUV(186.4700, 30.8273, 5.7268)

Have a look what the booklet for
YUV(186.4700, 30.8273, 5.7268)
contains.

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Color

**YUV(186.4700, 30.8273,
5.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ABF9
RGB	193, 171, 249
RGB Percent	76%, 67%, 98%
CMY	0.2431, 0.3294, 0.0235
CMYK	0.22, 0.31, 0.00, 0.02
HSL	257°, 87%, 82%
HSV	257°, 31%, 98%
XYZ	53.6541, 47.3028, 95.9250
YIQ	186.4700, -11.9260, 28.9220

Conversions

Conversions Part 2

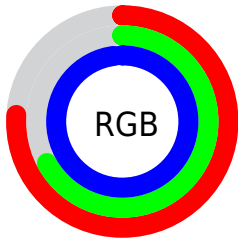
Format	Color
R _Y B	193, 171, 249
Decimal	12692473
CIE Lab	74.38, 23.65, -35.90
CIE LCh	74, 42.985, 303.376
Yxy	47.3028, 0.2725, 0.2403
Android (android.graphics.Color)	4290882553 (0xFFC1ABF9)
YUV	186.4700, 30.8273, 5.7268
Hunter-Lab	68.7771, 18.8909, -34.5493

Details

The YUV color **186.4700, 30.8273, 5.7268** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **233.5300, -30.8273, -5.7268**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4820, 9.1294, 11.8553**, and **133.0030, 29.0855, 4.3824** is the 20% darker color. If you saturate the color by 10%, you get **166.4130, 40.7154, 7.5308**, and if you desaturate by 10%, it is **206.5270, 20.9392, 3.9228**.

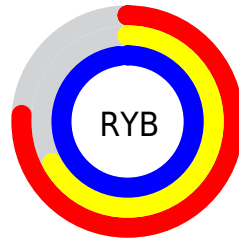
Distribution



Red (76%)

Green (67%)

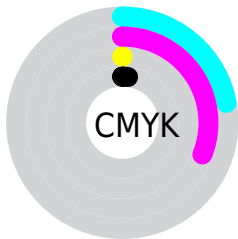
Blue (98%)



Red (76%)

Yellow (67%)

Blue (98%)

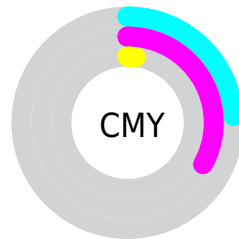


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4700, 30.8273, 5.7268 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 186.4700, 30.8273, 5.7268 by changing the saturation by 10% instead.

■ 186.4700, 30.8273,
5.7268

■ 186.4700, 30.8273,
5.7268

255.0000, 0.0000,
0.0000

■ 158.9430, 30.1011,
5.3120

■ 236.4820, 9.1294,
11.8553

■ 133.0030, 29.0855,
4.3824

■ 107.4760, 28.3593,
3.9675

■ 82.5360, 27.3438,
3.0379

■ 58.4110, 26.9124,
1.3936

■ 35.7590, 25.7548,
-0.6656

■ 11.4490, 25.9076,

-3.0248

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 186.4700, 30.8273,
5.7268

■ 186.4700, 30.8273,
5.7268

■ 166.4130, 40.7154,
7.5308

■ 206.5270, 20.9392,
3.9228

■ 146.3560, 50.6035,
9.3348

■ 226.5840, 11.0511,
2.1188

■ 126.2990, 60.4916,
11.1388

■ 246.6410, 1.1630,
0.3148

■ 106.2420, 70.3797,
12.9428

■ 254.3160, -2.6208,
0.5999

■ 87.0710, 79.8310,
14.8467

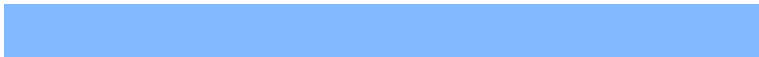
■ 67.0140, 89.7191,
16.6507

■ 49.3160, 98.4442,
18.1399

Harmonies

Analogous

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



176.8340, 38.5358, -40.1964



186.4700, 30.8273, 5.7268



188.2760, 15.1469, 41.8539

Triad

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



186.4700, 30.8273, 5.7268



182.3610, -34.1950, 47.9184



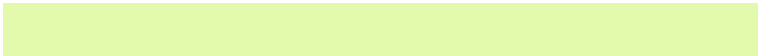
155.3040, 15.1331, -94.1056

Complementary

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



186.4700, 30.8273, 5.7268



233.5300, -30.8273, -5.7268

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.



168.7170, -11.1995, -47.9868



186.4700, 30.8273, 5.7268



179.5720, -37.7500, 21.4234

Square

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



186.4700, 30.8273, 5.7268



183.8910, -21.1453, 62.3626



174.8390, -29.5006, -11.2598



144.8110, 39.5332, -126.9992

Rectangle

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



186.4700, 30.8273, 5.7268



186.8730, 3.0206, 57.9934



174.8390, -29.5006, -11.2598



161.0090, 5.9116, -76.3069

Sweetspot

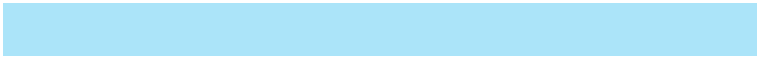
The Sweet Spot groups the original color and five complimentary colors.



186.4700, 30.8273, 5.7268



236.7150, 9.0145, 2.0039



213.3510, 17.5750, -37.1418



115.9060, 5.9623, 0.9594



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.



186.4700, 30.8273, 5.7268



177.1310, 38.3894, 6.9011



197.8320, 25.2258, 29.0883



114.6780, 5.0887, 1.1594



37.3930, 74.7423, 13.6873



12.0370, 24.1388, 4.3526

Inverse Universe

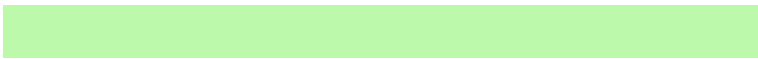
The Inverse Universe completely reimagines the original color for something new.



200.7060, 12.9629, 42.3538



194.9830, 16.2774, 52.6349



222.1680, -25.2258, -29.0883



116.9130, 2.0149, 7.0923



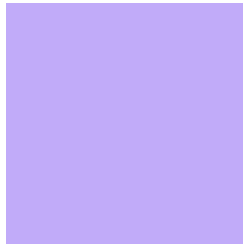
71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 186.4700, 30.8273, 5.7268 looks on a white background.

Color Contrast Check

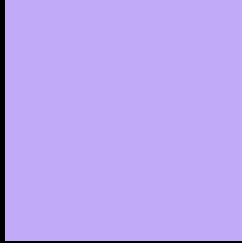
Large Text (above 18pt) WCAG AA × Fail

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 186.4700, 30.8273, 5.7268 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 186.4700, 30.8273, 5.7268

Background



This preview shows how black text looks on a background with the YUV color 186.4700, 30.8273, 5.7268.



This preview shows how white text looks on a background with the YUV color 186.4700, 30.8273,

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

186.4700, 30.8273, 5.7268

Protanopia

182.5700, 35.7080, -19.7939

Deuteranopia

183.1530, 31.4766, -15.9202



Tritanopia

183.3080, 6.2572, -0.2701

Trichromacy



Original Color

186.4700, 30.8273, 5.7268

Protanomaly

184.1690, 33.9337, -10.6722

Deuteranomaly

184.4960, 31.3075, -8.3280

Tritanomaly

184.3220, 15.1243, 2.3486

Monochromacy



Original Color

186.4700, 30.8273, 5.7268

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.5840, 11.0511, 2.1188

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4700, 30.8273, 5.7268 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(193, 171, 249)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 249)  
}
```

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(193, 171, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 249) }
```

Border

The CSS property to change the border of an element to YUV 186.4700, 30.8273, 5.7268 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(193, 171, 249) }
```


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

```
.border{ border-color:rgb(193, 171, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 171, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 249);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 186.4700, 30.8273, 5.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 249) }
```

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

```
.background{ background-color: rgb(193,  
171, 249) }
```

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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