

Converting Colors

YUV(186.0040, 31.0570,
25.4295)

Have a look what the booklet for
YUV(186.0040, 31.0570, 25.4295)
contains.

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Color

**YUV(186.0040, 31.0570,
25.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	D79FF9
RGB	215, 159, 249
RGB Percent	84%, 62%, 98%
CMY	0.1569, 0.3765, 0.0235
CMYK	0.14, 0.36, 0.00, 0.02
HSL	277°, 88%, 80%
HSV	277°, 36%, 98%
XYZ	57.5214, 46.0829, 95.4857
YIQ	186.0040, 4.4860, 39.8620

Conversions

Conversions Part 2

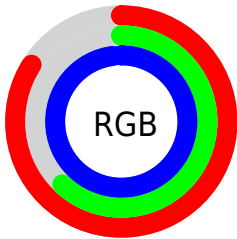
Format	Color
R _Y B	215, 159, 249
Decimal	14131193
CIE Lab	73.60, 36.72, -36.95
CIE LCh	74, 52.099, 314.822
Yxy	46.0829, 0.2889, 0.2315
Android (android.graphics.Color)	4292321273 (0xFFD79FF9)
YUV	186.0040, 31.0570, 25.4295
Hunter-Lab	67.8844, 32.4530, -35.8778

Details

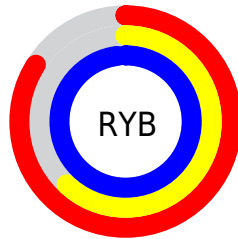
The YUV color **186.0040, 31.0570, 25.4295** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.9960, -31.0570, -25.4295**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **132.2380, 29.4627, 23.4703** is the 20% darker color. If you saturate the color by 10%, you get **168.6380, 39.6185, 32.7665**, and if you desaturate by 10%, it is **203.3700, 22.4956, 18.0925**.

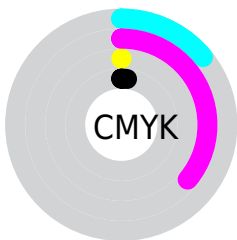
Distribution



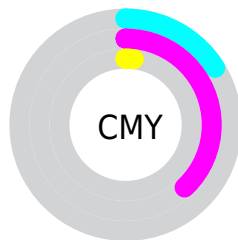
- Red (84%)
- Green (62%)
- Blue (98%)



- Red (84%)
- Yellow (62%)
- Blue (98%)



- Cyan (14%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)





- Cyan (16%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.0040, 31.0570, 25.4295 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 186.0040, 31.0570, 25.4295 by changing the saturation by 10% instead.


 186.0040, 31.0570,
25.4295

 186.0040, 31.0570,
25.4295


255.0000, 0.0000,
0.0000


 158.4770, 30.3308,
25.0147


 230.9330, 11.8650,
21.1068


 132.2380, 29.4627,
23.4703

 247.9560, 3.4727,
6.1776

 105.8250, 29.1733,
22.9555

 80.5860, 28.3051,
21.4111

 56.0590, 27.5789,
20.9963

 30.8740, 28.1631,
20.2815

 16.5650, 23.3855,

12.6595

■ 4.6740, 17.9087,
-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 186.0040, 31.0570,
25.4295

■ 186.0040, 31.0570,
25.4295

■ 168.6380, 39.6185,
32.7665

■ 203.3700, 22.4956,
18.0925

■ 150.9730, 48.3273,
39.4887

■ 221.0350, 13.7867,
11.3703

■ 133.6070, 56.8887,
46.8257

■ 238.4010, 5.2253,
4.0333

■ 115.9420, 65.5976,
53.5479

■ 253.7180, -2.3260,
-0.6297

■ 98.5760, 74.1590,
60.8848

■ 254.3160, -2.6208,
0.5999

■ 81.7970, 82.4311,
67.7070

■ 74.7310, 85.9146,
70.3959

Harmonies

Analogous

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



176.6120, 38.6453, -28.6007



186.0040, 31.0570, 25.4295



184.3710, 11.1561, 61.9416

Triad

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



186.0040, 31.0570, 25.4295



178.4780, -45.0987, 45.1848



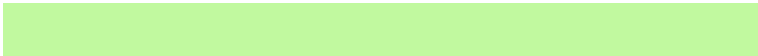
143.5910, 29.7816, -125.9293

Complementary

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



186.0040, 31.0570, 25.4295



221.9960, -31.0570, -25.4295

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.



153.1510, 0.4186, -87.8324



186.0040, 31.0570, 25.4295



174.4860, -44.1166, 10.0978

Square

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



186.0040, 31.0570, 25.4295



178.5790, -31.3444, 67.0212



168.0600, -28.1306, -30.7476



146.7320, 49.4321, -128.6840

Rectangle

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



186.0040, 31.0570, 25.4295



178.3750, -1.6639, 67.2001



168.0600, -28.1306, -30.7476



141.6530, 22.3561, -124.2297

Sweetspot

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



186.0040, 31.0570, 25.4295



235.2750, 9.7244, 7.6518



189.8050, 29.1831, -27.0160



115.9280, 5.9515, 4.4481



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.



186.0040, 31.0570, 25.4295



178.1710, 37.8767, 31.4220



195.0300, 21.6772, 47.3317



115.8740, 4.4991, 3.6185



56.5290, 65.3082, 53.0331



18.3160, 21.0432, 17.2629

Inverse Universe

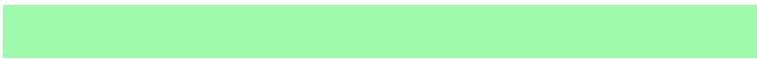
The Inverse Universe completely reimagines the original color for something new.



189.7860, 1.5845, 51.9307



182.6780, 2.1307, 63.4264



213.0840, -21.2404, -47.4317



116.4570, 0.2677, 7.4922



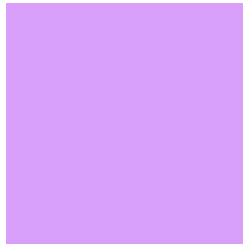
64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 186.0040, 31.0570, 25.4295 looks on a white background.

Color Contrast Check

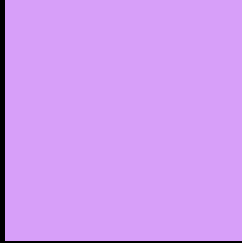
Large Text (above 18pt) WCAG AA × Fail

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 186.0040, 31.0570, 25.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

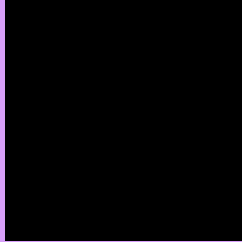
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.0040, 31.0570, 25.4295

Background



This preview shows how black text looks on a background with the YUV color 186.0040, 31.0570, 25.4295.



This preview shows how white text looks on a background with the YUV color 186.0040, 31.0570,

25.4295.

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

186.0040, 31.0570, 25.4295

Protanopia

181.0860, 36.4396, -21.1234

Deuteranopia

181.4410, 31.3346, -17.0498



Tritanopia

183.3490, 0.8139, 18.9879

Trichromacy



Original Color

186.0040, 31.0570, 25.4295



Protanomaly

183.0280, 34.4962, -4.4096



Deuteranomaly

183.1270, 30.9964, -1.8654



Tritanomaly

184.2320, 11.7176, 21.7215

Monochromacy



Original Color

186.0040, 31.0570, 25.4295



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0410, 11.3188, 9.6110

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0040, 31.0570, 25.4295 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(215, 159, 249)` looks like.

```
.text, #text, p{  
    color:rgb(215, 159, 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(215, 159, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 159, 249) }
```

Border

The CSS property to change the border of an element to YUV 186.0040, 31.0570, 25.4295 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(215, 159, 249) }
```


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

```
.border{ border-color:rgb(215, 159, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 159, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 159, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 159, 249);  
box-shadow:4px 4px 4px 4px rgb(215, 159,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 186.0040, 31.0570, 25.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 159, 249) }
```

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

```
.background{ background-color: rgb(215,  
159, 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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