

Converting Colors

YUV(186.6400, 29.7575,
22.2407)

Have a look what the booklet for
YUV(186.6400, 29.7575, 22.2407)
contains.

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Color

**YUV(186.6400, 29.7575,
22.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A2F7
RGB	212, 162, 247
RGB Percent	83%, 64%, 97%
CMY	0.1686, 0.3647, 0.0314
CMYK	0.14, 0.34, 0.00, 0.03
HSL	275°, 84%, 80%
HSV	275°, 34%, 97%
XYZ	56.8602, 46.5531, 93.9845
YIQ	186.6400, 2.5150, 37.0350

Conversions

Conversions Part 2

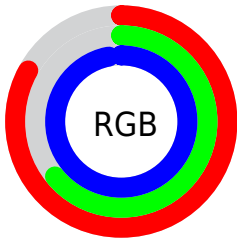
Format	Color
R _Y B	212, 162, 247
Decimal	13935351
CIE Lab	73.90, 33.79, -35.42
CIE LCh	74, 48.953, 313.648
Yxy	46.5531, 0.2880, 0.2358
Android (android.graphics.Color)	4292125431 (0xFFD4A2F7)
YUV	186.6400, 29.7575, 22.2407
Hunter-Lab	68.2298, 29.3530, -33.9092

Details

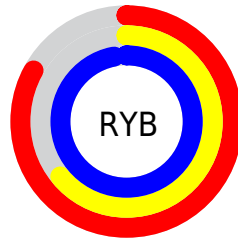
The YUV color **186.6400, 29.7575, 22.2407** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **222.3600, -29.7575, -22.2407**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **132.8740, 28.1631, 20.2815** is the 20% darker color. If you saturate the color by 10%, you get **168.9750, 38.4663, 28.9629**, and if you desaturate by 10%, it is **204.3050, 21.0486, 15.5185**.

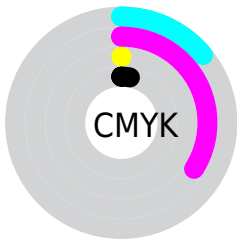
Distribution



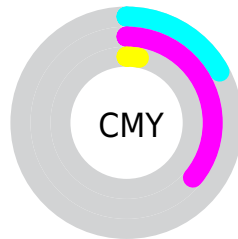
- Red (83%)
- Green (64%)
- Blue (97%)



- Red (83%)
- Yellow (64%)
- Blue (97%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (3%)




- Cyan (17%)
- Magenta (36%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.6400, 29.7575, 22.2407 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 186.6400, 29.7575, 22.2407 by changing the saturation by 10% instead.


 186.6400, 29.7575,
22.2407


 186.6400, 29.7575,
22.2407


255.0000, 0.0000,
0.0000


 159.1130, 29.0313,
21.8259


 232.6940, 10.9969,
19.5624


 132.8740, 28.1631,
20.2815

 249.7170, 2.6045,
4.6332

 107.0480, 27.5843,
19.2519

 81.5210, 26.8581,
18.8371

 57.6950, 26.2794,
17.8075

 33.2820, 25.9900,
17.2927

 15.7390, 22.8067,

11.6299

■ 4.5600, 17.4719,
-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 186.6400, 29.7575,
22.2407

■ 186.6400, 29.7575,
22.2407

■ 168.9750, 38.4663,
28.9629

■ 204.3050, 21.0486,
15.5185

■ 151.8970, 46.8858,
35.1703

■ 221.3830, 12.6292,
9.3111

■ 133.9330, 55.7420,
41.2778

■ 239.3470, 3.7729,
3.2037

■ 116.2680, 64.4509,
48.0000

■ 253.4900, -3.1996,
-0.4297

■ 98.6030, 73.1597,
54.7222

■ 254.0880, -3.4944,
0.7998

■ 81.5250, 81.5792,
60.9296

■ 71.5130, 86.5151,
64.4481

Harmonies

Analogous

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



177.7970, 38.0611, -27.8860



186.6400, 29.7575, 22.2407



186.2350, 10.7301, 58.5529

Triad

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



186.6400, 29.7575, 22.2407



179.3900, -41.6043, 44.3850



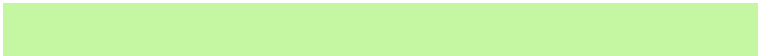
143.2490, 28.4712, -125.6294

Complementary

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



186.6400, 29.7575, 22.2407



222.3600, -29.7575, -22.2407

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.



158.6580, -1.8034, -75.1221



186.6400, 29.7575, 22.2407



176.1810, -41.5012, 11.2423

Square

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



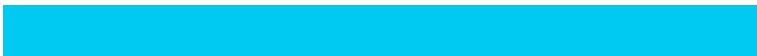
186.6400, 29.7575, 22.2407



181.1380, -29.1550, 64.7770



170.1960, -27.7046, -27.3589



146.1620, 47.2481, -128.1841

Rectangle

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



186.6400, 29.7575, 22.2407



181.0650, -1.5110, 64.8410



170.1960, -27.7046, -27.3589



141.5390, 21.9193, -124.1297

Sweetspot

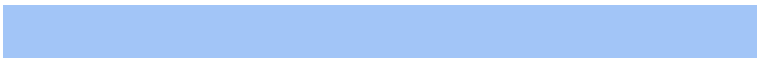
The Sweet Spot groups the original color and five complimentary colors.



186.6400, 29.7575, 22.2407



237.0360, 8.8563, 6.1074



192.2350, 26.9991, -26.5161



116.5150, 5.6621, 3.9333



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.



186.6400, 29.7575, 22.2407



180.5080, 36.7246, 27.6185



196.3070, 21.5406, 44.4578



113.4610, 4.2097, 3.1037



53.7950, 65.1771, 48.4148



16.8920, 20.7592, 15.0037

Inverse Universe

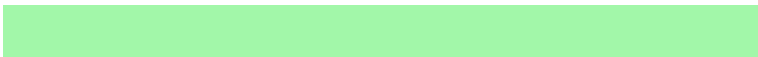
The Inverse Universe completely reimagines the original color for something new.



191.4050, 2.7583, 48.7568



186.4110, 3.7414, 60.1526



212.6930, -21.5406, -44.4578



114.1580, 0.4151, 6.8774



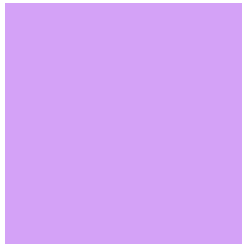
64.3920, 6.2157, 106.6502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 186.6400, 29.7575, 22.2407 looks on a white background.

Color Contrast Check

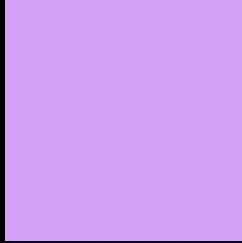
Large Text (above 18pt) WCAG AA × Fail

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 186.6400, 29.7575, 22.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

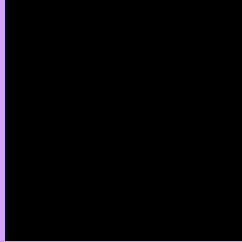
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.6400, 29.7575, 22.2407

Background



This preview shows how black text looks on a background with the YUV color 186.6400, 29.7575, 22.2407.



This preview shows how white text looks on a background with the YUV color 186.6400, 29.7575,

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

186.6400, 29.7575, 22.2407

Protanopia

181.3850, 36.2922, -20.5086

Deuteranopia

182.2240, 30.4556, -15.1054



Tritanopia

184.2670, 1.8404, 16.4288

Trichromacy



Original Color

186.6400, 29.7575, 22.2407



Protanomaly

183.5010, 33.7700, -4.8244



Deuteranomaly

183.8990, 30.1228, -1.6654



Tritanomaly

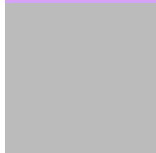
185.2100, 11.7285, 18.2328

Monochromacy



Original Color

186.6400, 29.7575, 22.2407



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.9160, 10.8874, 7.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.6400, 29.7575, 22.2407 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(212, 162, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 162, 247)  
}
```

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(212, 162, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 162, 247) }
```

Border

The CSS property to change the border of an element to YUV 186.6400, 29.7575, 22.2407 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(212, 162, 247) }
```


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

```
.border{ border-color:rgb(212, 162, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 162, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 162, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 162, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 162,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 186.6400, 29.7575, 22.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 162, 247) }
```

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

```
.background{ background-color: rgb(212,  
162, 247) }
```

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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