

Converting Colors

YUV(199.7330, 25.2746,
13.3892)

Have a look what the booklet for
YUV(199.7330, 25.2746, 13.3892)
contains.

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Color

**YUV(199.7330, 25.2746,
13.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B6FB
RGB	215, 182, 251
RGB Percent	84%, 71%, 98%
CMY	0.1569, 0.2863, 0.0157
CMYK	0.14, 0.27, 0.00, 0.02
HSL	269°, 90%, 85%
HSV	269°, 27%, 98%
XYZ	62.1649, 54.8680, 98.5809
YIQ	199.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

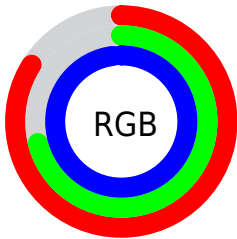
Format	Color
R _Y B	215, 182, 251
Decimal	14137083
CIE Lab	78.97, 24.68, -29.75
CIE LCh	79, 38.656, 309.683
Yxy	54.8680, 0.2883, 0.2545
Android (android.graphics.Color)	4292327163 (0xFFD7B6FB)
YUV	199.7330, 25.2746, 13.3892
Hunter-Lab	74.0729, 20.1764, -27.0558

Details

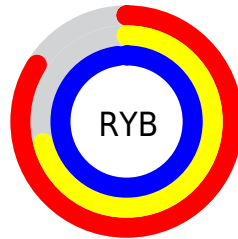
The YUV color **199.7330, 25.2746, 13.3892** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **233.2670, -25.2746, -13.3892**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0210, 4.9196, 8.7516**, and **145.3800, 23.9697, 11.9447** is the 20% darker color. If you saturate the color by 10%, you get **181.1710, 34.4257, 18.2670**, and if you desaturate by 10%, it is **218.2950, 16.1236, 8.5113**.

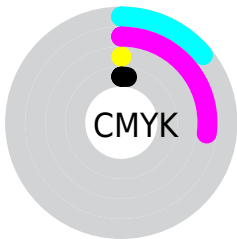
Distribution



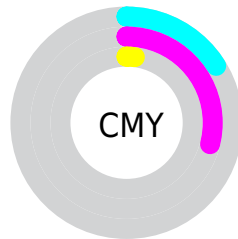
- Red (84%)
- Green (71%)
- Blue (98%)



- Red (84%)
- Yellow (71%)
- Blue (98%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)




- Cyan (16%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.7330, 25.2746, 13.3892 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 199.7330, 25.2746, 13.3892 by changing the saturation by 10% instead.


 199.7330, 25.2746,
13.3892


 199.7330, 25.2746,
13.3892


255.0000, 0.0000,
0.0000

 172.2060, 24.5484,
12.9743


 245.0210, 4.9196,
8.7516

 145.3800, 23.9697,
11.9447

 119.8530, 23.2435,
11.5299

 94.3260, 22.5173,
11.1151

 70.5000, 21.9385,
10.0855

 47.2610, 21.0703,
8.5411

 24.4350, 20.4915,

7.5115

■ 9.2020, 17.1554,
4.2078

■ 3.0950, 9.3202,
-2.7143

■ 199.7330, 25.2746,
13.3892

■ 199.7330, 25.2746,
13.3892

■ 181.1710, 34.4257,
18.2670

■ 218.2950, 16.1236,
8.5113

■ 162.6090, 43.5768,
23.1449

■ 236.8570, 6.9725,
3.6334

■ 144.0470, 52.7278,
28.0228

■ 254.2450, -1.5998,
-0.2149

■ 125.4850, 61.8789,
32.9007

■ 254.5440, -1.7472,
0.3999

■ 106.9230, 71.0300,
37.7785

■ 87.4750, 80.6178,
42.5564

■ 68.9130, 89.7689,
47.4343

■ 64.4940, 91.9475,
48.6788

Harmonies

Analogous

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



192.5710, 30.7775, -25.0568



199.7330, 25.2746, 13.3892



200.3210, 10.1947, 43.5685

Triad

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



199.7330, 25.2746, 13.3892



195.3600, -32.7155, 40.0263



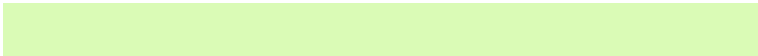
173.9080, 15.8214, -81.4803

Complementary

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



199.7330, 25.2746, 13.3892



233.2670, -25.2746, -13.3892

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.



181.6720, -6.2473, -49.7013



199.7330, 25.2746, 13.3892



191.9670, -33.5077, 14.0609

Square

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



199.7330, 25.2746, 13.3892



195.5970, -21.9863, 52.0964



187.8860, -24.1008, -16.5630



171.2280, 33.9046, -94.9160

Rectangle

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



199.7330, 25.2746, 13.3892



197.3190, -0.1573, 50.5862



187.8860, -24.1008, -16.5630



176.7260, 8.5161, -71.6737

Sweetspot

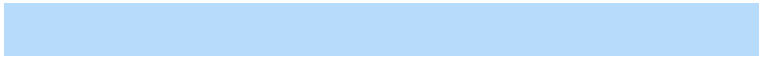
The Sweet Spot groups the original color and five complimentary colors.



199.7330, 25.2746, 13.3892



239.9710, 7.4093, 3.5334



211.5850, 19.4316, -25.9460



118.2760, 4.7939, 2.3889



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.



199.7330, 25.2746, 13.3892



192.5360, 30.7948, 16.1929



209.8990, 20.2628, 34.2916



115.2760, 4.7939, 2.3889



48.4560, 69.2882, 36.4341



15.6250, 22.3699, 11.7299

Inverse Universe

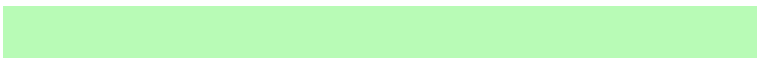
The Inverse Universe completely reimagines the original color for something new.



206.7350, 5.5536, 38.8204



201.1320, 6.8369, 47.2422



223.1010, -20.2628, -34.2916



116.6850, 1.1413, 7.2923



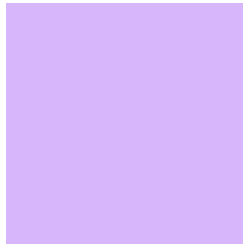
67.6830, 14.9463, 106.3950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 199.7330, 25.2746, 13.3892 looks on a white background.

Color Contrast Check

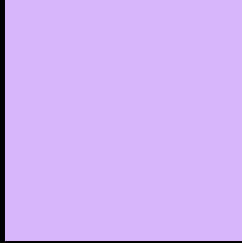
Large Text (above 18pt) WCAG AA × Fail

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 199.7330, 25.2746, 13.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

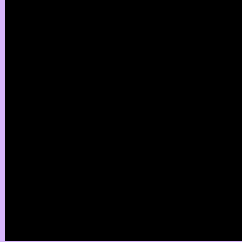
Any Text WCAG AA ✓ Pass

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 199.7330, 25.2746, 13.3892 Background



This preview shows how black text looks on a background with the YUV color 199.7330, 25.2746, 13.3892.

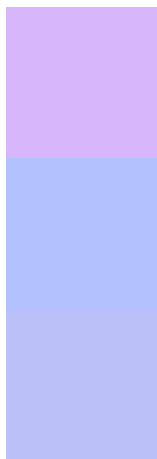


This preview shows how white text looks on a background with the YUV color 199.7330, 25.2746,

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

199.7330, 25.2746, 13.3892

Protanopia

195.8820, 29.1452, -14.8055

Deuteranopia

197.0030, 25.6345, -8.7726



Tritanopia

197.7930, 4.0461, 8.9515

Trichromacy



Original Color

199.7330, 25.2746, 13.3892

Protanomaly

197.3070, 27.9496, -4.6542

Deuteranomaly

197.7590, 25.7548, -0.6656

Tritanomaly

198.7530, 11.4608, 10.7406

Monochromacy



Original Color

199.7330, 25.2746, 13.3892

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5520, 9.5879, 4.7779

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7330, 25.2746, 13.3892 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, 182, 251)` looks like.

```
.text, #text, p{  
    color:rgb(215, 182, 251)  
}
```

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, 182, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 182, 251) }
```

Border

The CSS property to change the border of an element to YUV 199.7330, 25.2746, 13.3892 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, 182, 251) }
```


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

```
.border{ border-color:rgb(215, 182, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 182, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 182, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 182, 251);  
box-shadow:4px 4px 4px 4px rgb(215, 182,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 199.7330, 25.2746, 13.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 182, 251) }
```

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

```
.background{ background-color: rgb(215,  
182, 251) }
```

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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