

Converting Colors

YUV(179.5660, 25.3570,
33.7066)

Have a look what the booklet for
YUV(179.5660, 25.3570, 33.7066)
contains.

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Color

**YUV(179.5660, 25.3570,
33.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	DA96E7
RGB	218, 150, 231
RGB Percent	85%, 59%, 91%
CMY	0.1451, 0.4118, 0.0941
CMYK	0.06, 0.35, 0.00, 0.09
HSL	290°, 63%, 75%
HSV	290°, 35%, 91%
XYZ	54.2436, 42.4876, 80.9433
YIQ	179.5660, 14.5270, 39.6070

Conversions

Conversions Part 2

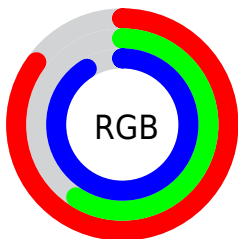
Format	Color
R _Y B	218, 150, 231
Decimal	14325479
CIE Lab	71.21, 38.85, -30.82
CIE LCh	71, 49.592, 321.573
Yxy	42.4876, 0.3053, 0.2391
Android (android.graphics.Color)	4292515559 (0xFFDA96E7)
YUV	179.5660, 25.3570, 33.7066
Hunter-Lab	65.1825, 34.4746, -27.9982

Details

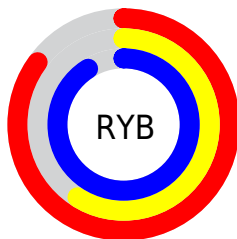
The YUV color **179.5660, 25.3570, 33.7066** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **201.4340, -25.3570, -33.7066**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6500, 14.4696, 25.7400**, and **125.9140, 24.1994, 31.6474** is the 20% darker color. If you saturate the color by 10%, you get **164.8690, 32.6026, 43.0879**, and if you desaturate by 10%, it is **194.2630, 18.1113, 24.3253**.

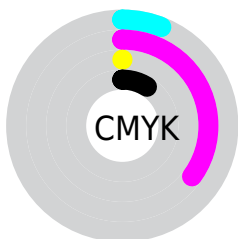
Distribution



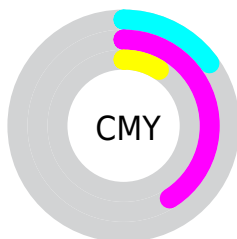
- Red (85%)
- Green (59%)
- Blue (91%)



- Red (85%)
- Yellow (59%)
- Blue (91%)



- Cyan (6%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)




- Cyan (15%)
- Magenta (41%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.5660, 25.3570, 33.7066 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 179.5660, 25.3570, 33.7066 by changing the saturation by 10% instead.


 179.5660, 25.3570,
33.7066

 179.5660, 25.3570,
33.7066


255.0000, 0.0000,
0.0000


 152.1530, 25.0676,
33.1918


 225.6500, 14.4696,
25.7400


 125.9140, 24.1994,
31.6474

 242.6730, 6.0772,
10.8108

 100.0880, 23.6206,
30.6178

 74.3760, 23.4786,
29.4882

 49.3760, 23.4786,
29.4882

 25.6640, 23.3366,
28.3587

 16.7630, 16.3858,

17.7478

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 179.5660, 25.3570,
33.7066

■ 179.5660, 25.3570,
33.7066

■ 164.8690, 32.6026,
43.0879

■ 194.2630, 18.1113,
24.3253

■ 150.4710, 39.7008,
53.0839

■ 208.6610, 11.0131,
14.3293

■ 135.7740, 46.9464,
62.4652

■ 223.3580, 3.7675,
4.9480

■ 121.0770, 54.1920,
71.8465

■ 238.0550, -3.4781,
-4.4332

■ 106.3800, 61.4377,
81.2277

■ 246.8820, -7.8298,
-8.6665

■ 91.3950, 68.8253,
91.7386

■ 247.7790, -8.2720,
-6.8222

■ 84.3400, 72.3034,
96.1718

■ 248.9750, -8.8617,
-4.3631

■ 250.1710, -9.4513,
-1.9040

■ 251.0680, -9.8935,
-0.0596

Harmonies

Analogous

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



174.3410, 39.7649, -14.3311



179.5660, 25.3570, 33.7066



177.9000, 5.4723, 64.9857

Triad

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



179.5660, 25.3570, 33.7066



171.1780, -43.4718, 36.6779



139.1230, 32.9704, -122.0109

Complementary

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



179.5660, 25.3570, 33.7066



201.4340, -25.3570, -33.7066

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.



140.7560, 9.4873, -103.2720



179.5660, 25.3570, 33.7066



167.2830, -39.5795, 1.5058

Square

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



179.5660, 25.3570, 33.7066



173.8620, -33.9490, 62.3880



160.6120, -21.9937, -39.1247



141.1070, 50.7262, -123.7508

Rectangle

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



179.5660, 25.3570, 33.7066



174.6760, -8.2213, 70.4441



160.6120, -21.9937, -39.1247



138.0000, 26.1290, -121.0260

Sweetspot

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



179.5660, 25.3570, 33.7066



237.0690, 8.8400, 11.3405



167.4520, 31.3292, -15.3054



117.1240, 5.3619, 6.9073



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.



179.5660, 25.3570, 33.7066



187.1080, 33.4708, 44.6323



180.3750, 11.6471, 44.3981



107.3580, 3.7675, 4.9480



65.2560, 56.0758, 74.3205



18.6710, 15.9382, 21.3365

Inverse Universe

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



175.7010, -6.2616, 48.4972



181.9310, -8.3470, 64.0815



200.6250, -11.6471, -44.3981



106.8160, -0.8953, 7.1774



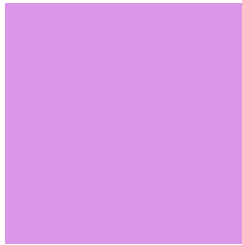
56.8270, -13.7187, 107.1457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 179.5660, 25.3570, 33.7066 looks on a white background.

Color Contrast Check

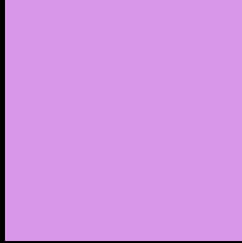
Large Text (above 18pt) WCAG AA × Fail

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 179.5660, 25.3570, 33.7066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

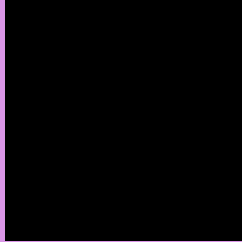
Any Text WCAG AA ✓ Pass

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 179.5660, 25.3570, 33.7066 Background



This preview shows how black text looks on a background with the YUV color 179.5660, 25.3570, 33.7066.



This preview shows how white text looks on a background with the YUV color 179.5660, 25.3570,

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

179.5660, 25.3570, 33.7066

Protanopia

174.3850, 36.2922, -20.5086

Deuteranopia

175.8780, 25.2031, -10.4170



Tritanopia

177.7200, -1.8340, 28.3096

Trichromacy



Original Color

179.5660, 25.3570, 33.7066



Protanomaly

176.1810, 32.4488, -1.0357



Deuteranomaly

177.2760, 25.0069, 5.8969



Tritanomaly

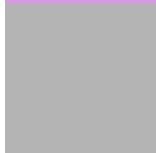
178.6630, 8.0541, 30.1135

Monochromacy



Original Color

179.5660, 25.3570, 33.7066



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.8950, 9.4188, 12.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5660, 25.3570, 33.7066 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(218, 150, 231)` looks like.

```
.text, #text, p{  
    color:rgb(218, 150, 231)  
}
```

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(218, 150, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 150, 231) }
```

Border

The CSS property to change the border of an element to YUV 179.5660, 25.3570, 33.7066 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(218, 150, 231) }
```


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

```
.border{ border-color:rgb(218, 150, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 150, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 150, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 150, 231);  
box-shadow:4px 4px 4px 4px rgb(218, 150,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 179.5660, 25.3570, 33.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 150, 231) }
```

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

```
.background{ background-color: rgb(218,  
150, 231) }
```

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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