

Converting Colors

YUV(127.5270, 61.8582,
86.3608)

Have a look what the booklet for
YUV(127.5270, 61.8582, 86.3608)
contains.

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Color

**YUV(127.5270, 61.8582,
86.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	E235FD
RGB	226, 53, 253
RGB Percent	89%, 21%, 99%
CMY	0.1137, 0.7922, 0.0078
CMYK	0.11, 0.79, 0.00, 0.01
HSL	292°, 98%, 60%
HSV	292°, 79%, 99%
XYZ	50.3668, 25.8068, 95.2551
YIQ	127.5270, 38.9080, 98.8760

Conversions

Conversions Part 2

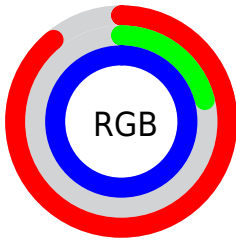
Format	Color
R _Y B	226, 53, 253
Decimal	14824957
CIE Lab	57.85, 86.28, -63.95
CIE LCh	58, 107.394, 323.455
Yxy	25.8068, 0.2938, 0.1505
Android (android.graphics.Color)	4293015037 (0xFFE235FD)
YUV	127.5270, 61.8582, 86.3608
Hunter-Lab	50.8004, 88.0756, -75.6135

Details

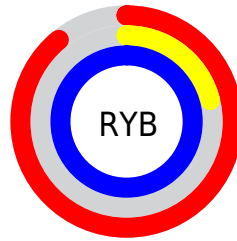
The YUV color **127.5270, 61.8582, 86.3608** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **178.4730, -61.8582, -86.3608**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7550, 39.0678, 69.4979**, and **71.8640, 60.7060, 82.5573** is the 20% darker color. If you saturate the color by 10%, you get **111.9550, 69.5352, 97.3865**, and if you desaturate by 10%, it is **143.0990, 54.1812, 75.3352**.

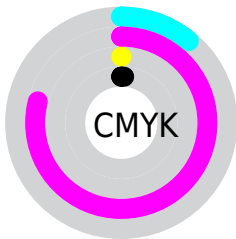
Distribution



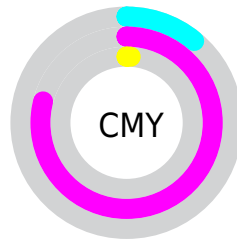
- Red (89%)
- Green (21%)
- Blue (99%)



- Red (89%)
- Yellow (21%)
- Blue (99%)



- Cyan (11%)
- Magenta (79%)
- Yellow (0%)
- Black (1%)





- Cyan (11%)
- Magenta (79%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.5270, 61.8582, 86.3608 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 127.5270, 61.8582, 86.3608 by changing the saturation by 10% instead.


 127.5270, 61.8582,
86.3608


 127.5270, 61.8582,
86.3608


255.0000, 0.0000,
0.0000


 84.1400, 68.9510,
98.1012


 175.7550, 39.0678,
69.4979


 71.8640, 60.7060,
82.5573


 193.3650, 30.3861,
54.0539


 59.7020, 52.8979,
66.9133


 210.9750, 21.7043,
38.6099

 47.9530, 45.3792,
51.7842

 228.5850, 13.0226,
23.1660

 36.0190, 38.4446,
35.9403

 246.7820, 4.0515,
7.2072

 24.7970, 31.6521,
21.2260

 10.2860, 26.4810,

-0.2508

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 127.5270, 61.8582,
86.3608

■ 127.5270, 61.8582,
86.3608

■ 111.9550, 69.5352,
97.3865

■ 143.0990, 54.1812,
75.3352

■ 95.4970, 77.6490,
108.3121

■ 159.5570, 46.0674,
64.4095

■ 94.3230, 78.2278,
109.3417

■ 175.1290, 38.3904,
53.3839

■ 191.0000, 30.5660,
42.9730

■ 207.1590, 22.5996,
31.4326

■ 222.7310, 14.9226,
20.4069

■ 238.6020, 7.0982,
9.9960

254.1740, -0.5788,
-1.0296

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



101.8580, 75.4990, -89.3295



127.5270, 61.8582, 86.3608



94.9410, 34.0461, 140.3717

Triad

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



127.5270, 61.8582, 86.3608



131.3370, -64.7491, 47.9395



127.4800, 41.6684, -111.8000

Complementary

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



127.5270, 61.8582, 86.3608



178.4730, -61.8582, -86.3608

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.



115.2480, -0.1223, -101.0725



127.5270, 61.8582, 86.3608



119.9880, -59.1541, -20.1605

Square

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



127.5270, 61.8582, 86.3608



119.9600, -59.1403, 115.7991



98.6160, -48.6177, -86.4862



130.6210, 61.3188, -114.5546

Rectangle

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



127.5270, 61.8582, 86.3608



87.8730, 6.9646, 146.5704



98.6160, -48.6177, -86.4862



123.9460, 28.1276, -108.7006

Sweetspot

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



127.5270, 61.8582, 86.3608



216.8010, 18.8321, 26.4845



93.4100, 78.6779, -35.4396



104.7860, 11.4445, 15.9737



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.



127.5270, 61.8582, 86.3608



103.0790, 74.8971, 104.2937



127.6200, 27.3023, 109.9583



119.7710, 4.0569, 5.4628



71.1090, 59.1063, 82.3424



23.7410, 19.8477, 27.4141

Inverse Universe

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



115.8780, -17.6879, 120.2560



89.0060, -21.6950, 145.5767



178.3800, -27.3023, -109.9583



119.0010, -1.4795, 7.8921



60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 127.5270, 61.8582, 86.3608 looks on a white background.

Color Contrast Check

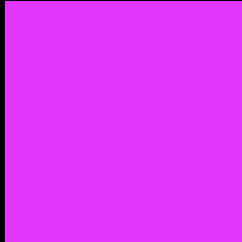
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5270, 61.8582, 86.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

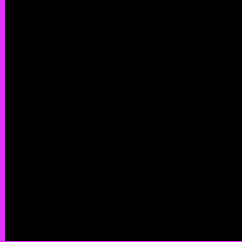
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5270, 61.8582, 86.3608 Background



This preview shows how black text looks on a background with the YUV color 127.5270, 61.8582, 86.3608.



This preview shows how white text looks on a background with the YUV color 127.5270, 61.8582, 86.3608.

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

127.5270, 61.8582, 86.3608

Protanopia

131.0390, 61.1128, -48.2692

Deuteranopia

128.5510, 54.4514, -58.3652



Tritanopia

139.1110, -11.3937, 61.2927

Trichromacy



Original Color

127.5270, 61.8582, 86.3608

Protanomaly

129.7600, 61.2503, 1.0875

Deuteranomaly

128.2770, 57.0514, -5.5049

Tritanomaly

134.8650, 15.3496, 70.2784

Monochromacy



Original Color

127.5270, 61.8582, 86.3608

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0450, 22.1628, 31.5325

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5270, 61.8582, 86.3608 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(226, 53, 253)` looks like.

```
.text, #text, p{  
    color:rgb(226, 53, 253)  
}
```

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(226, 53, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 53, 253) }
```

Border

The CSS property to change the border of an element to YUV 127.5270, 61.8582, 86.3608 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(226, 53, 253) }
```


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

```
.border{ border-color:rgb(226, 53, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 53, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 53, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 53, 253);  
box-shadow:4px 4px 4px 4px rgb(226, 53,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 127.5270, 61.8582, 86.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 53, 253) }
```

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

```
.background{ background-color: rgb(226, 53,  
253) }
```

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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