

Converting Colors

YUV(127.5120, 57.9216,
89.0050)

Have a look what the booklet for
YUV(127.5120, 57.9216, 89.0050)
contains.

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Color

**YUV(127.5120, 57.9216,
89.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	E535F5
RGB	229, 53, 245
RGB Percent	90%, 21%, 96%
CMY	0.1020, 0.7922, 0.0392
CMYK	0.07, 0.78, 0.00, 0.04
HSL	295°, 91%, 58%
HSV	295°, 78%, 96%
XYZ	50.0676, 25.7968, 88.7266
YIQ	127.5120, 43.2640, 97.0240

Conversions

Conversions Part 2

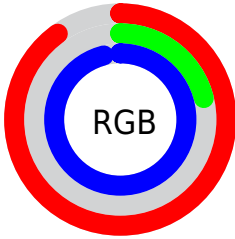
Format	Color
R _{YB}	229, 53, 245
Decimal	15021557
CIE _{Lab}	57.84, 85.52, -59.49
CIE _{LCh}	58, 104.175, 325.175
Y _{xy}	25.7968, 0.3042, 0.1567
Android (android.graphics.Color)	4293211637 (0xFFE535F5)
YUV	127.5120, 57.9216, 89.0050
Hunter-Lab	50.7905, 87.0759, -68.0211

Details

The YUV color **127.5120, 57.9216, 89.0050** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **170.4880, -57.9216, -89.0050**, 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 **71.9630, 57.2062, 85.1014** is the 20% darker color. If you saturate the color by 10%, you get **112.2390, 65.4512, 100.6454**, and if you desaturate by 10%, it is **142.7850, 50.3920, 77.3646**.

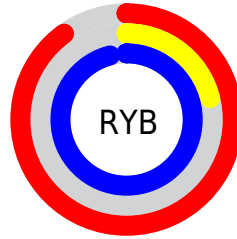
Distribution



Red (90%)

Green (21%)

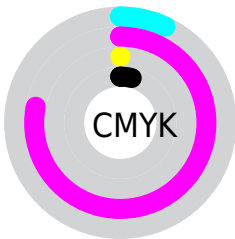
Blue (96%)



Red (90%)

Yellow (21%)

Blue (96%)

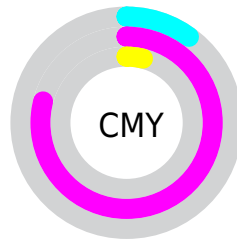


Cyan (7%)

Magenta (78%)

Yellow (0%)

Black (4%)



Cyan (10%)


Magenta (79%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.5120, 57.9216, 89.0050 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 127.5120, 57.9216, 89.0050 by changing the saturation by 10% instead.


 127.5120, 57.9216,
89.0050


 127.5120, 57.9216,
89.0050


255.0000, 0.0000,
0.0000


 84.1250, 65.0144,
100.7454


 175.7550, 39.0678,
69.4979


 71.9630, 57.2062,
85.1014


 193.3650, 30.3861,
54.0539


 59.8010, 49.3981,
69.4575


 210.9750, 21.7043,
38.6099

 48.0520, 41.8794,
54.3284

 228.5850, 13.0226,
23.1660

 36.4170, 34.7974,
39.0993

 246.7820, 4.0515,
7.2072

 25.1950, 28.0049,
24.3850

 12.2930, 22.5336,

5.8820

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 127.5120, 57.9216,
89.0050

■ 127.5120, 57.9216,
89.0050

■ 112.2390, 65.4512,
100.6454

■ 142.7850, 50.3920,
77.3646

■ 97.5530, 72.6914,
111.7710

■ 157.4710, 43.1518,
66.2389

■ 95.2050, 73.8489,
113.8302

■ 172.7440, 35.6222,
54.5985

■ 187.4300, 28.3820,
43.4729

202.7030, 20.8524,
31.8325

217.3890, 13.6122,
20.7068

232.6620, 6.0826,
9.0664

247.3480, -1.1576,
-2.0592

251.4680, -3.1887,
-3.9184

Harmonies

Analogous

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



117.4280, 67.8230, -53.8724



127.5120, 57.9216, 89.0050



94.2570, 31.4253, 140.9716

Triad

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



127.5120, 57.9216, 89.0050



131.3150, -64.7383, 44.4507



127.2350, 43.2681, -111.5851

Complementary

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



127.5120, 57.9216, 89.0050



170.4880, -57.9216, -89.0050

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.



115.9320, 2.4985, -101.6724



127.5120, 57.9216, 89.0050



119.3790, -58.8538, -23.1344

Square

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



127.5120, 57.9216, 89.0050



122.5740, -60.4290, 109.1216



98.6160, -48.6177, -86.4862



130.0340, 61.6082, -114.0398

Rectangle

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



127.5120, 57.9216, 89.0050



87.4170, 5.2174, 146.9703



98.6160, -48.6177, -86.4862



123.8150, 30.1642, -108.5858

Sweetspot

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



127.5120, 57.9216, 89.0050



217.6980, 18.3899, 28.3289



84.2800, 79.2350, -27.4326



105.0850, 11.2971, 16.5885



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.



127.5120, 57.9216, 89.0050



108.1400, 72.4020, 111.2562



123.1760, 20.6192, 106.8396



114.6570, 3.6201, 5.5628



72.3330, 56.0378, 86.5310



22.8720, 17.8111, 27.2993

Inverse Universe

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



112.2320, -21.3134, 116.4375



89.0400, -26.6417, 145.5469



174.8240, -20.6192, -106.8396



113.7020, -1.3321, 7.2773



57.4380, -20.4289, 112.7489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 127.5120, 57.9216, 89.0050 looks on a white background.

Color Contrast Check

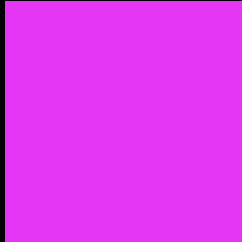
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5120, 57.9216, 89.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

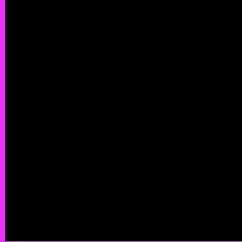
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5120, 57.9216, 89.0050

Background



This preview shows how black text looks on a background with the YUV color 127.5120, 57.9216, 89.0050.



This preview shows how white text looks on a background with the YUV color 127.5120, 57.9216, 89.0050.

89.0050.

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

127.5120, 57.9216, 89.0050

Protanopia

131.6260, 60.8234, -48.7840

Deuteranopia

131.6510, 49.4721, -47.9289



Tritanopia

138.7910, -12.7150, 65.0813

Trichromacy



Original Color

127.5120, 57.9216, 89.0050



Protanomaly

130.3040, 59.5031, 1.4874



Deuteranomaly

129.8820, 52.8092, 1.8575



Tritanomaly

134.9040, 12.8653, 73.7522

Monochromacy



Original Color

127.5120, 57.9216, 89.0050



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.1160, 21.1418, 32.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5120, 57.9216, 89.0050 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(229, 53, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 53, 245)  
}
```

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(229, 53, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 53, 245) }
```

Border

The CSS property to change the border of an element to YUV 127.5120, 57.9216, 89.0050 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(229, 53, 245) }
```


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

```
.border{ border-color:rgb(229, 53, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 53, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 53, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 53, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 53,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 127.5120, 57.9216, 89.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 53, 245) }
```

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

```
.background{ background-color: rgb(229, 53,  
245) }
```

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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