

Converting Colors

YUV(92.8570, 68.1045, 89.5794)

Have a look what the booklet for
YUV(92.8570, 68.1045, 89.5794)
contains.

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Color

**YUV(92.8570, 68.1045,
89.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	C30EE7
RGB	195, 14, 231
RGB Percent	76%, 5%, 91%
CMY	0.2353, 0.9451, 0.0941
CMYK	0.16, 0.94, 0.00, 0.09
HSL	290°, 89%, 48%
HSV	290°, 94%, 91%
XYZ	37.0865, 17.6857, 77.0603
YIQ	92.8570, 38.2190, 105.8590

Conversions

Conversions Part 2

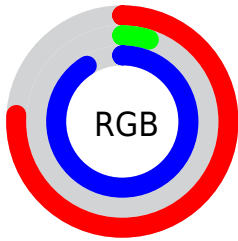
Format	Color
RYB	195, 14, 231
Decimal	12783335
CIELab	49.11, 84.71, -65.97
CIELCh	49, 107.366, 322.089
Yxy	17.6857, 0.2813, 0.1342
Android (android.graphics.Color)	4290973415 (0xFFC30EE7)
YUV	92.8570, 68.1045, 89.5794
Hunter-Lab	42.0544, 83.8188, -79.2048

Details

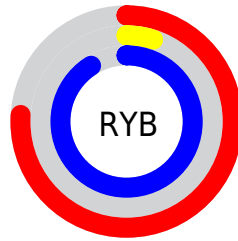
The YUV color **92.8570, 68.1045, 89.5794** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **152.1430, -68.1045, -89.5794**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6670, 46.0132, 81.8530**, and **60.2010, 56.1029, 65.5987** is the 20% darker color. If you saturate the color by 10%, you get **84.0410, 72.4508, 95.5570**, and if you desaturate by 10%, it is **107.5540, 60.8589, 80.1981**.

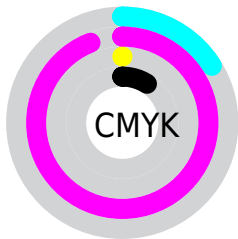
Distribution



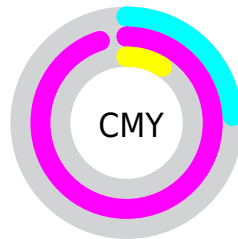
- Red (76%)
- Green (5%)
- Blue (91%)



- Red (76%)
- Yellow (5%)
- Blue (91%)



- Cyan (16%)
- Magenta (94%)
- Yellow (0%)
- Black (9%)




- Cyan (24%)
- Magenta (95%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.8570, 68.1045, 89.5794 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 92.8570, 68.1045, 89.5794 by changing the saturation by 10% instead.


 92.8570, 68.1045,
89.5794


 92.8570, 68.1045,
89.5794


255.0000, 0.0000,
0.0000


 72.3630, 63.9110,
81.2426


 161.6670, 46.0132,
81.8530


 60.2010, 56.1029,
65.5987


 179.8640, 37.0420,
65.8943


 48.4520, 48.5842,
50.4696

 197.4740, 28.3603,
50.4503

 36.4040, 41.2128,
34.7257

 214.4970, 19.9680,
35.5211

 25.1820, 34.4203,
20.0114

 232.1070, 11.2862,
20.0772

 9.4750, 29.8388,
-3.9246

 250.3040, 2.3151,

 7.5920, 18.9351,

4.1184

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 92.8570, 68.1045,
89.5794

■ 92.8570, 68.1045,
89.5794

■ 84.0410, 72.4508,
95.5570

■ 107.5540, 60.8589,
80.1981

■ 122.2510, 53.6133,
70.8169

■ 136.6490, 46.5150,
60.8208

■ 151.3460, 39.2694,
51.4396

■ 166.6300, 31.7344,
41.5435

■ 181.3270, 24.4888,
32.1622

■ 196.0240, 17.2432,
22.7810

■ 210.7210, 9.9975,
13.3997

■ 225.1190, 2.8993,
3.4036

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



92.8570, 68.1045, 89.5794



92.7750, 25.7469, 142.2713

Triad

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



92.8570, 68.1045, 89.5794



110.0730, -54.2660, 45.5400



109.6130, 36.6728, -96.1306

Complementary

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



92.8570, 68.1045, 89.5794



152.1430, -68.1045, -89.5794

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.



97.0220, -3.9548, -85.0883



92.8570, 68.1045, 89.5794



99.9090, -49.2551, -21.8452

Square

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



92.8570, 68.1045, 89.5794



93.1030, -45.8998, 115.6737



84.5280, -41.6723, -74.1311



116.5330, 68.2642, -102.1994

Rectangle

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



92.8570, 68.1045, 89.5794



86.0490, -0.0242, 148.1700



84.5280, -41.6723, -74.1311



105.4920, 23.4214, -92.5165

Sweetspot

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



92.8570, 68.1045, 89.5794



209.7350, 22.3156, 29.1734



59.8700, 84.3671, -40.2280



99.7800, 13.9125, 17.7329



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.



92.8570, 68.1045, 89.5794



92.7570, 79.9858, 105.4531



95.4130, 31.3484, 118.9098



107.3580, 3.7675, 4.9480



64.9570, 56.2232, 73.7057



18.6710, 15.9382, 21.3365

Inverse Universe

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



82.9870, -16.2626, 129.8074



81.0330, -19.2433, 152.5691



149.5870, -31.3484, -118.9098



106.8160, -0.8953, 7.1774



56.9410, -13.2819, 107.0457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 92.8570, 68.1045, 89.5794 looks on a white background.

Color Contrast Check

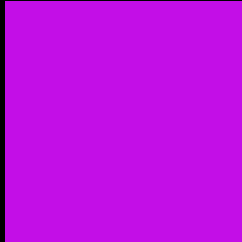
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 92.8570, 68.1045, 89.5794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

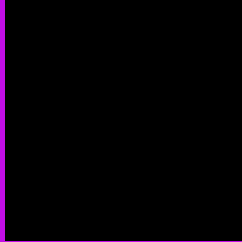
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 92.8570, 68.1045, 89.5794

Background



This preview shows how black text looks on a background with the YUV color 92.8570, 68.1045, 89.5794.



This preview shows how white text looks on a background with the YUV color 92.8570, 68.1045,

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

92.8570, 68.1045, 89.5794

Protanopia

94.2780, 71.8409, -82.6818

Deuteranopia

94.4940, 57.4375, -82.8712



Tritanopia

117.5120, -9.6194, 52.1710

Trichromacy



Original Color

92.8570, 68.1045, 89.5794



Protanomaly

94.0330, 70.4827, -20.1999



Deuteranomaly

93.6280, 61.3154, -19.8448



Tritanomaly

108.6410, 18.4180, 66.0898

Monochromacy



Original Color

92.8570, 68.1045, 89.5794



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

92.7400, 24.7782, 32.6770

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.8570, 68.1045, 89.5794 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(195, 14, 231)` looks like.

```
.text, #text, p{  
    color:rgb(195, 14, 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(195, 14, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 14, 231) }
```

Border

The CSS property to change the border of an element to YUV 92.8570, 68.1045, 89.5794 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(195, 14, 231) }
```


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

```
.border{ border-color:rgb(195, 14, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 14, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 14, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 14, 231);  
box-shadow:4px 4px 4px 4px rgb(195, 14,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 92.8570, 68.1045, 89.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 14, 231) }
```

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

```
.background{ background-color: rgb(195, 14,  
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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