

Converting Colors

YUV(87.8130, 71.5772, 95.7570)

Have a look what the booklet for
YUV(87.8130, 71.5772, 95.7570)
contains.

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Color

**YUV(87.8130, 71.5772,
95.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	C504E9
RGB	197, 4, 233
RGB Percent	77%, 2%, 91%
CMY	0.2275, 0.9843, 0.0863
CMYK	0.15, 0.98, 0.00, 0.09
HSL	291°, 97%, 46%
HSV	291°, 98%, 91%
XYZ	37.7774, 17.8403, 78.5432
YIQ	87.8130, 41.5190, 112.1350

Conversions

Conversions Part 2

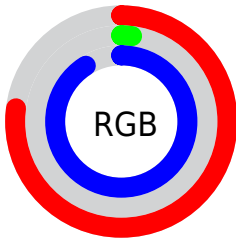
Format	Color
RYB	197, 4, 233
Decimal	12911849
CIELab	49.30, 86.15, -66.78
CIELCh	49, 109.000, 322.218
Yxy	17.8403, 0.2816, 0.1330
Android (android.graphics.Color)	4291101929 (0xFFC504E9)
YUV	87.8130, 71.5772, 95.7570
Hunter-Lab	42.2378, 85.7335, -80.6861

Details

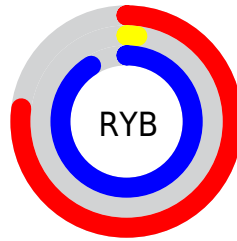
The YUV color **87.8130, 71.5772, 95.7570** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **149.1870, -71.5772, -95.7570**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4930, 46.5920, 82.8826**, and **61.0270, 56.6817, 66.6283** is the 20% darker color. If you saturate the color by 10%, you get **85.1660, 72.8822, 97.2014**, and if you desaturate by 10%, it is **102.5100, 64.3316, 86.3757**.

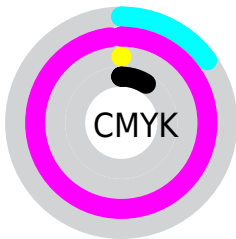
Distribution



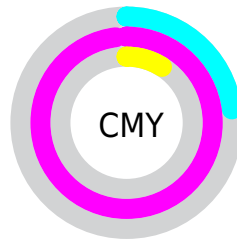
- Red (77%)
- Green (2%)
- Blue (91%)



- Red (77%)
- Yellow (2%)
- Blue (91%)



- Cyan (15%)
- Magenta (98%)
- Yellow (0%)
- Black (9%)





- Cyan (23%)
- Magenta (98%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.8130, 71.5772, 95.7570 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 87.8130, 71.5772, 95.7570 by changing the saturation by 10% instead.


 87.8130, 71.5772,
95.7570


 87.8130, 71.5772,
95.7570


255.0000, 0.0000,
0.0000

 73.1890, 64.4898,
82.2722


 160.4930, 46.5920,
82.8826


 61.0270, 56.6817,
66.6283


 178.6900, 37.6208,
66.9239

 49.2780, 49.1629,
51.4992


 196.3000, 28.9391,
51.4799


 37.2300, 41.7916,
35.7553

 213.9100, 20.2574,
36.0359

 25.8940, 34.5623,
21.1410

 231.5200, 11.5756,
20.5920

 10.1870, 29.9808,
-2.7950

 249.7170, 2.6045,

 7.8200, 19.8087,

4.6332

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 87.8130, 71.5772,
95.7570

■ 87.8130, 71.5772,
95.7570

■ 85.1660, 72.8822,
97.2014

■ 102.5100, 64.3316,
86.3757

■ 117.4950, 56.9440,
75.8649

■ 132.1920, 49.6983,
66.4836

■ 146.8890, 42.4527,
57.1023

■ 161.2870, 35.3545,
47.1063

■ 176.5710, 27.8195,
37.2102

■ 191.2680, 20.5739,
27.8290

■ 205.6660, 13.4757,
17.8329

■ 220.9500, 5.9407,
7.9369

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



87.8130, 71.5772, 95.7570



92.8890, 26.1837, 142.1713

Triad

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



87.8130, 71.5772, 95.7570



110.9590, -54.7028, 45.6400



110.4280, 37.2570, -96.8454

Complementary

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



87.8130, 71.5772, 95.7570



149.1870, -71.5772, -95.7570

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.



97.6090, -4.2442, -85.6031



87.8130, 71.5772, 95.7570



99.3110, -48.9603, -23.0747

Square

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



87.8130, 71.5772, 95.7570



92.5270, -45.6158, 117.9328



84.5280, -41.6723, -74.1311



117.1200, 67.9748, -102.7142

Rectangle

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



87.8130, 71.5772, 95.7570



85.9350, -0.4610, 148.2700



84.5280, -41.6723, -74.1311



106.1930, 23.5689, -93.1313

Sweetspot

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



87.8130, 71.5772, 95.7570



207.9740, 23.1838, 30.7178



52.4120, 89.0299, -42.4573



99.1930, 14.2019, 18.2477



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.



87.8130, 71.5772, 95.7570



93.3550, 79.6910, 106.6827



89.9130, 33.0739, 125.4873



109.9450, 3.4781, 4.4332



66.3810, 56.5072, 75.9649



19.6110, 16.9538, 22.2662

Inverse Universe

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



76.5750, -18.0315, 137.1847



80.8050, -20.1169, 152.7690



147.0870, -33.0739, -125.4873



109.4030, -1.1847, 6.6626



57.3110, -14.4503, 108.4753



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 87.8130, 71.5772, 95.7570 looks on a white background.

Color Contrast Check

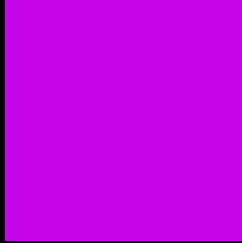
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.8130, 71.5772, 95.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

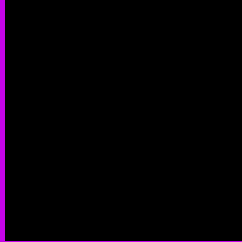
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 87.8130, 71.5772, 95.7570

Background



This preview shows how black text looks on a background with the YUV color 87.8130, 71.5772, 95.7570.



This preview shows how white text looks on a background with the YUV color 87.8130, 71.5772,

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

87.8130, 71.5772, 95.7570

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

95.3090, 58.0217, -83.5860



Tritanopia

118.1100, -9.9142, 53.4005

Trichromacy



Original Color

87.8130, 71.5772, 95.7570



Protanomaly

92.0980, 71.9297, -17.6259



Deuteranomaly

92.3940, 62.9098, -17.8855



Tritanomaly

107.0050, 19.7175, 69.2786

Monochromacy



Original Color

87.8130, 71.5772, 95.7570



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.8050, 26.2251, 35.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8130, 71.5772, 95.7570 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(197, 4, 233)` looks like.

```
.text, #text, p{  
    color:rgb(197, 4, 233)  
}
```

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(197, 4, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 4, 233) }
```

Border

The CSS property to change the border of an element to YUV 87.8130, 71.5772, 95.7570 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(197, 4, 233) }
```


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

```
.border{ border-color:rgb(197, 4, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 4, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 4, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 4, 233);  
box-shadow:4px 4px 4px 4px rgb(197, 4,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 87.8130, 71.5772, 95.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 4, 233) }
```

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

```
.background{ background-color: rgb(197, 4,  
233) }
```

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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