

Converting Colors

YUV(87.8720, 75.4921,
100.0903)

Have a look what the booklet for
YUV(87.8720, 75.4921, 100.0903)
contains.

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Color

**YUV(87.8720, 75.4921,
100.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	CA00F1
RGB	202, 0, 241
RGB Percent	79%, 0%, 95%
CMY	0.2078, 1.0000, 0.0549
CMYK	0.16, 1.00, 0.00, 0.05
HSL	290°, 100%, 47%
HSV	290°, 100%, 95%
XYZ	40.2343, 18.9074, 84.7480
YIQ	87.8720, 43.0310, 117.7750

Conversions

Conversions Part 2

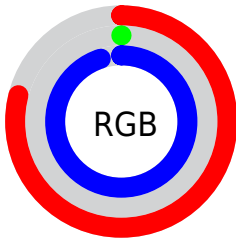
Format	Color
R _Y B	202, 0, 241
Decimal	13238513
CIE Lab	50.58, 88.45, -69.18
CIE LCh	51, 112.290, 321.968
Yxy	18.9074, 0.2796, 0.1314
Android (android.graphics.Color)	4291428593 (0xFFCA00F1)
YUV	87.8720, 75.4921, 100.0903
Hunter-Lab	43.4827, 89.0705, -85.1187

Details

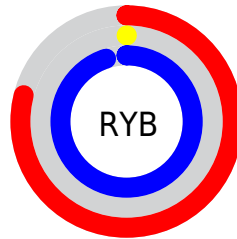
The YUV color **87.8720, 75.4921, 100.0903** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **153.1280, -75.4921, -100.0903**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0800, 46.3026, 82.3678**, and **63.4340, 59.4390, 68.9024** is the 20% darker color. If you saturate the color by 10%, you get **87.8720, 75.4921, 100.0903**, and if you desaturate by 10%, it is **103.1560, 67.9571, 90.1942**.

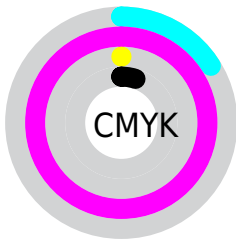
Distribution



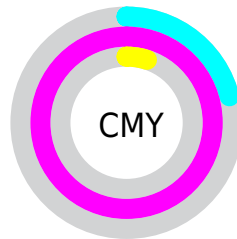
- Red (79%)
- Green (0%)
- Blue (95%)



- Red (79%)
- Yellow (0%)
- Blue (95%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8720, 75.4921, 100.0903 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 87.8720, 75.4921, 100.0903 by changing the saturation by 10% instead.

87.8720, 75.4921,
100.0903

87.8720, 75.4921,
100.0903

255.0000, 0.0000,
0.0000

75.5960, 67.2472,
84.5463

161.0800, 46.3026,
82.3678

63.4340, 59.4390,
68.9024

179.2770, 37.3314,
66.4091

51.2720, 51.6309,
53.2585

197.4740, 28.3603,
50.4503

39.2240, 44.2596,
37.5146

215.0840, 19.6786,
35.0063

27.8880, 37.0302,
22.9002

232.6940, 10.9969,
19.5624

12.4800, 32.3014,
-0.4210

250.3040, 2.3151,

6.7430, 23.2977,

4.1184

-5.9136

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 87.8720, 75.4921,
100.0903

■ 103.1560, 67.9571,
90.1942

■ 118.4400, 60.4221,
80.2981

■ 133.7240, 52.8871,
70.4021

■ 149.0080, 45.3521,
60.5060

■ 163.9930, 37.9645,
49.9951

■ 179.8640, 30.1400,
39.5843

■ 195.1480, 22.6050,
29.6882

■ 210.4320, 15.0700,
19.7921

■ 225.7160, 7.5350,
9.8961

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



87.8720, 75.4921, 100.0903



93.4590, 28.3677, 141.6715

Triad

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



87.8720, 75.4921, 100.0903



113.6280, -56.0186, 47.6842



113.3460, 38.2834, -99.4044

Complementary

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



87.8720, 75.4921, 100.0903



153.1280, -75.4921, -100.0903

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.



100.1850, -4.5282, -87.8622



87.8720, 75.4921, 100.0903



102.5560, -50.5601, -23.2896

Square

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



87.8720, 75.4921, 100.0903



94.0330, -46.3583, 122.7511



86.8760, -42.8299, -76.1903



120.0550, 66.5279, -105.2882

Rectangle

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



87.8720, 75.4921, 100.0903



86.2770, 0.8494, 147.9701



86.8760, -42.8299, -76.1903



108.9970, 24.1585, -95.5904

Sweetspot

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



87.8720, 75.4921, 100.0903



206.8000, 23.7626, 31.7474



50.9540, 93.6927, -44.6867



98.6060, 14.4912, 18.7625



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.



87.8720, 75.4921, 100.0903



93.0560, 79.8384, 106.0679



90.4130, 34.7994, 132.0648



112.3580, 3.7675, 4.9480



67.0220, 57.6702, 76.2797



20.4370, 17.5326, 23.2958

Inverse Universe

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



76.5050, -18.4900, 144.2621



80.9190, -19.6801, 152.6690



150.5870, -34.7994, -132.0648



111.8160, -0.8953, 7.1774



58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 87.8720, 75.4921, 100.0903 looks on a white background.

Color Contrast Check

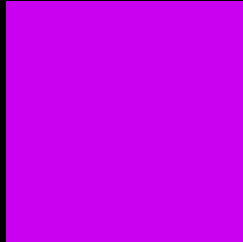
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.8720, 75.4921, 100.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

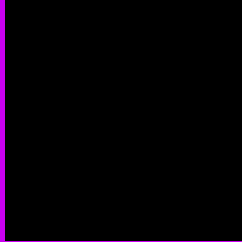
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 87.8720, 75.4921, 100.0903

Background



This preview shows how black text looks on a background with the YUV color 87.8720, 75.4921, 100.0903.



This preview shows how white text looks on a background with the YUV color 87.8720, 75.4921,

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



Protanopia

97.5380, 74.1778, -85.5408

Deuteranopia

97.7540, 59.7743, -85.7303

Tritanopia

121.4090, -10.0616, 54.0153

Trichromacy



Protanomaly

93.7820, 74.5505, -18.2258

Deuteranomaly

94.0780, 65.5305, -18.4854

Tritanomaly

109.3580, 21.0225, 70.7230

Monochromacy



Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8590, 27.6775, 36.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8720, 75.4921, 100.0903 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(202, 0, 241)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 241)  
}
```

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(202, 0, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 241) }
```

Border

The CSS property to change the border of an element to YUV 87.8720, 75.4921, 100.0903 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(202, 0, 241) }
```

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

```
.border{ border-color:rgb(202, 0, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 241);  
box-shadow:4px 4px 4px 4px rgb(202, 0,  
241) }
```


Background

The CSS property to change the background color of an element to YUV 87.8720, 75.4921, 100.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 241) }
```

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

```
.background{ background-color: rgb(202, 0,  
241) }
```

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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