

Converting Colors

YUV(87.9580, 78.4077, 98.2608)

Have a look what the booklet for
YUV(87.9580, 78.4077, 98.2608)
contains.

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Color

**YUV(87.9580, 78.4077,
98.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	C800F7
RGB	200, 0, 247
RGB Percent	78%, 0%, 97%
CMY	0.2157, 1.0000, 0.0314
CMYK	0.19, 1.00, 0.00, 0.03
HSL	289°, 100%, 48%
HSV	289°, 100%, 97%
XYZ	40.6079, 18.9948, 89.5218
YIQ	87.9580, 39.9130, 119.2170

Conversions

Conversions Part 2

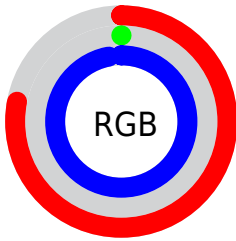
Format	Color
R _{YB}	200, 0, 247
Decimal	13107447
CIE _{Lab}	50.68, 89.16, -72.40
CIE _{LCh}	51, 114.855, 320.925
Yxy	18.9948, 0.2723, 0.1274
Android (android.graphics.Color)	4291297527 (0xFFC800F7)
YUV	87.9580, 78.4077, 98.2608
Hunter-Lab	43.5830, 90.0450, -91.2767

Details

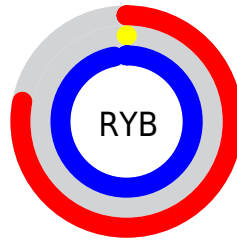
The YUV color **87.9580, 78.4077, 98.2608** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **159.0420, -78.4077, -98.2608**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0800, 46.3026, 82.3678**, and **63.4060, 61.9178, 67.1729** is the 20% darker color. If you saturate the color by 10%, you get **87.9580, 78.4077, 98.2608**, and if you desaturate by 10%, it is **104.1280, 70.4359, 88.4647**.

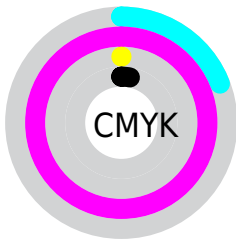
Distribution



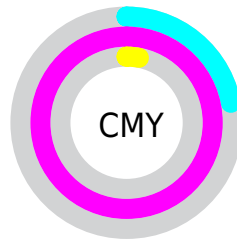
- Red (78%)
- Green (0%)
- Blue (97%)



- Red (78%)
- Yellow (0%)
- Blue (97%)



- Cyan (19%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)





- Cyan (22%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.9580, 78.4077, 98.2608 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 87.9580, 78.4077, 98.2608 by changing the saturation by 10% instead.


 87.9580, 78.4077,
98.2608


 87.9580, 78.4077,
98.2608


255.0000, 0.0000,
0.0000


 75.6820, 70.1628,
82.7169


 161.0800, 46.3026,
82.3678


 63.4060, 61.9178,
67.1729


 179.2770, 37.3314,
66.4091


 51.3580, 54.5465,
51.4290


 197.4740, 28.3603,
50.4503

 38.8970, 46.8858,
35.1703

 215.0840, 19.6786,
35.0063

 27.2620, 39.8038,
19.9412

 232.6940, 10.9969,
19.5624

 9.7610, 36.1068,
-7.6834

 250.8910, 2.0257,

 7.1990, 25.0449,

3.6036

-6.3135

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 87.9580, 78.4077,
98.2608

■ 104.1280, 70.4359,
88.4647

■ 119.4120, 62.9009,
78.5687

■ 135.5820, 54.9291,
68.7726

■ 151.7520, 46.9573,
58.9765

■ 167.6230, 39.1329,
48.5656

■ 183.2060, 31.4504,
39.2843

■ 199.3760, 23.4786,
29.4882

■ 215.5460, 15.5068,
19.6922

■ 230.8300, 7.9718,
9.7961

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



87.9580, 78.4077, 98.2608



93.9150, 30.1149, 141.2715

Triad

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



87.9580, 78.4077, 98.2608



114.2370, -56.3188, 50.6582



113.1180, 37.4098, -99.2045

Complementary

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



87.9580, 78.4077, 98.2608



159.0420, -78.4077, -98.2608

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.



100.3160, -6.5648, -87.9771



87.9580, 78.4077, 98.2608



103.1540, -50.8549, -22.0601

Square

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



87.9580, 78.4077, 98.2608



88.7720, -43.7646, 130.8730



87.4630, -43.1193, -76.7051



120.6420, 66.2385, -105.8030

Rectangle

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



87.9580, 78.4077, 98.2608



86.6190, 2.1598, 147.6701



87.4630, -43.1193, -76.7051



109.3560, 22.9955, -95.9052

Sweetspot

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



87.9580, 78.4077, 98.2608



205.9030, 24.2048, 29.9031



56.9210, 93.7089, -49.9197



98.3070, 14.6386, 18.1478



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.



87.9580, 78.4077, 98.2608



90.6640, 81.0176, 101.1497



93.5750, 39.1565, 134.5537



114.3580, 3.7675, 4.9480



66.3530, 58.9860, 74.2354



20.7790, 18.8430, 22.9958

Inverse Universe

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



79.2110, -15.8800, 147.1510



81.8310, -16.1857, 151.8692



153.4250, -39.1565, -134.5537



113.8160, -0.8953, 7.1774



59.6040, -12.1298, 110.8493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 87.9580, 78.4077, 98.2608 looks on a white background.

Color Contrast Check

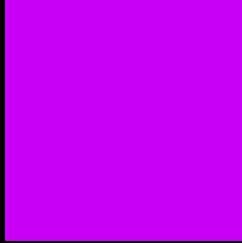
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.9580, 78.4077, 98.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

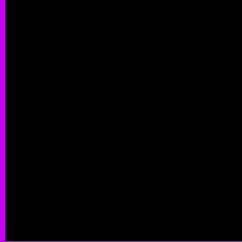
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 87.9580, 78.4077, 98.2608

Background



This preview shows how black text looks on a background with the YUV color 87.9580, 78.4077, 98.2608.



This preview shows how white text looks on a background with the YUV color 87.9580, 78.4077,

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

98.2270, 59.0481, -86.1451

Tritanopia

122.6150, -9.1772, 50.3266

Trichromacy



Protanomaly

94.1240, 75.8609, -18.5257

Deuteranomaly

94.8930, 66.1148, -19.2002

Tritanomaly

110.0910, 22.6331, 67.4492

Monochromacy



Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0870, 28.5511, 35.8807

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9580, 78.4077, 98.2608 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(200, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 0, 247)  
}
```

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(200, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 0, 247) }
```

Border

The CSS property to change the border of an element to YUV 87.9580, 78.4077, 98.2608 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(200, 0, 247) }
```

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

```
.border{ border-color:rgb(200, 0, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 0, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 0,  
247) }
```


Background

The CSS property to change the background color of an element to YUV 87.9580, 78.4077, 98.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 0, 247) }
```

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

```
.background{ background-color: rgb(200, 0,  
247) }
```

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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