

Converting Colors

YUV(78.1080, 87.2078, 28.8463)

Have a look what the booklet for
YUV(78.1080, 87.2078, 28.8463)
contains.

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Color

**YUV(78.1080, 87.2078,
28.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1BFF
RGB	111, 27, 255
RGB Percent	44%, 11%, 100%
CMY	0.5647, 0.8941, 0.0000
CMYK	0.56, 0.89, 0.00, 0.00
HSL	262°, 100%, 55%
HSV	262°, 89%, 100%
XYZ	24.9975, 11.3834, 95.4874
YIQ	78.1080, -23.1240, 88.7160

Conversions

Conversions Part 2

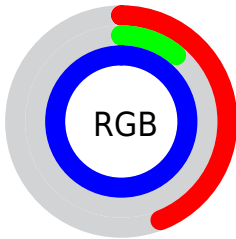
Format	Color
R_{YB}	111, 27, 255
Decimal	7281663
CIE _{Lab}	40.22, 78.03, -94.51
CIE _{LCh}	40, 122.555, 309.543
Yxy	11.3834, 0.1896, 0.0863
Android (android.graphics.Color)	4285471743 (0xFF6F1BFF)
YUV	78.1080, 87.2078, 28.8463
Hunter-Lab	33.7393, 73.2073, -144.1826

Details

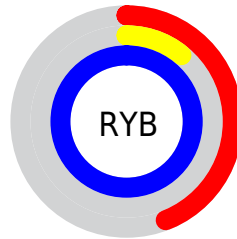
The YUV color **78.1080, 87.2078, 28.8463** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **203.8920, -87.2078, -28.8463**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8230, 59.2473, 36.9892**, and **28.4380, 83.1011, -7.4001** is the 20% darker color. If you saturate the color by 10%, you get **58.0620, 97.0904, 32.3946**, and if you desaturate by 10%, it is **97.5670, 77.6145, 25.8127**.

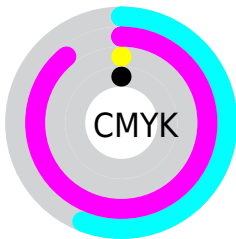
Distribution



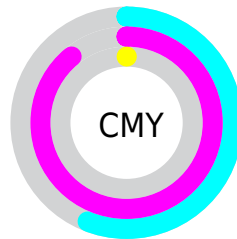
- Red (44%)
- Green (11%)
- Blue (100%)



- Red (44%)
- Yellow (11%)
- Blue (100%)



- Cyan (56%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1080, 87.2078, 28.8463 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 78.1080, 87.2078, 28.8463 by changing the saturation by 10% instead.

■ 78.1080, 87.2078,
28.8463

■ 78.1080, 87.2078,
28.8463

■ 255.0000, 0.0000,
0.0000

■ 47.7760, 87.3714,
22.9984

■ 134.8230, 59.2473,
36.9892

■ 28.4380, 83.1011,
-7.4001

■ 160.5280, 46.5747,
41.6329

■ 19.1520, 73.3821,
-16.7963

■ 186.5320, 33.7547,
46.8914

■ 16.0740, 61.5885,
-14.0969

■ 208.0400, 23.1513,
41.1839

■ 12.9960, 49.7950,
-11.3975

■ 225.0630, 14.7589,
26.2547

■ 17.0760, 34.9655,
-14.9757

■ 242.0860, 6.3666,

■ 11.4050, 25.9293,

11.3256

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 78.1080, 87.2078,
28.8463

■ 78.1080, 87.2078,
28.8463

■ 58.0620, 97.0904,
32.3946

■ 97.5670, 77.6145,
25.8127

■ 57.1760, 97.5272,
32.2946

■ 117.6130, 67.7318,
22.2644

■ 137.0720, 58.1385,
19.2309

■ 157.1180, 48.2558,
15.6825

■ 176.8760, 38.5151,
13.2637

■ 196.9220, 28.6325,
9.7154

■ 216.3810, 19.0392,
6.6819

■ 236.4270, 9.1565,
3.1335

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.1180, 81.2868, -79.0335



78.1080, 87.2078, 28.8463



86.6120, 39.6313, 122.2433

Triad

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



78.1080, 87.2078, 28.8463



84.5770, -41.6965, 74.0390



88.3260, 18.5733, -77.4619

Complementary

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



78.1080, 87.2078, 28.8463



203.8920, -87.2078, -28.8463

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.



72.3150, -35.1583, -63.4203



78.1080, 87.2078, 28.8463



85.8870, -42.3423, 0.9761

Square

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



78.1080, 87.2078, 28.8463



67.8730, -33.4614, 139.5544



69.2660, -34.1481, -60.7463



101.2590, 60.5113, -88.8041

Rectangle

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



78.1080, 87.2078, 28.8463



86.3780, 7.7016, 143.4965



69.2660, -34.1481, -60.7463



83.7490, 3.5747, -73.4479

Sweetspot

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



78.1080, 87.2078, 28.8463



201.6400, 26.3065, 9.0857



137.5200, 57.9176, -96.9260



96.1590, 15.6976, 5.1226



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.



78.1080, 87.2078, 28.8463



57.1760, 97.5272, 32.2946



112.1940, 70.4034, 98.9309



117.6780, 5.0887, 1.1594



42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413

Inverse Universe

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



111.5880, 29.2901, 125.7723



94.5990, 32.7357, 140.6717



169.8060, -70.4034, -98.9309



119.7990, 1.5781, 7.1923



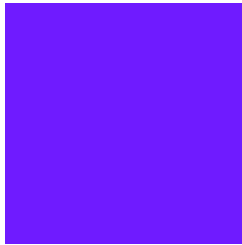
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 78.1080, 87.2078, 28.8463 looks on a white background.

Color Contrast Check

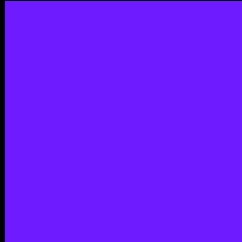
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.1080, 87.2078, 28.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

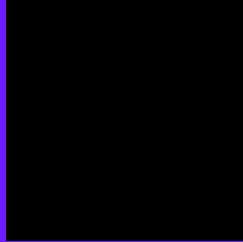
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1080, 87.2078, 28.8463

Background



This preview shows how black text looks on a background with the YUV color 78.1080, 87.2078, 28.8463.



This preview shows how white text looks on a background with the YUV color 78.1080, 87.2078,

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

78.1080, 87.2078, 28.8463

Protanopia

75.3050, 57.5306, -66.0425

Tritanopia

88.8700, 10.4171, -27.9500

Trichromacy



Original Color

78.1080, 87.2078, 28.8463

Protanomaly

76.3860, 68.3367, -31.9105

Tritanomaly

85.0430, 38.4328, -7.0537

Monochromacy



Original Color

78.1080, 87.2078, 28.8463

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7310, 31.6846, 10.7599

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1080, 87.2078, 28.8463 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(111, 27, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 27, 255)  
}
```

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(111, 27, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 27, 255) }
```

Border

The CSS property to change the border of an element to YUV 78.1080, 87.2078, 28.8463 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(111, 27, 255) }
```

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

```
.border{ border-color:rgb(111, 27, 255) }
```

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

Here you see how a box with a 4 pixel rgb(111, 27, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 27, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 27, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 27,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 78.1080, 87.2078, 28.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 27, 255) }
```

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

```
.background{ background-color: rgb(111, 27,  
255) }
```

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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