

Converting Colors

YUV(78.4050, 87.0613, 75.9438)

Have a look what the booklet for
YUV(78.4050, 87.0613, 75.9438)
contains.

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Color

**YUV(78.4050, 87.0613,
75.9438)**

Conversions

Conversions Part 1	
Format	Color
Hex	A500FF
RGB	165, 0, 255
RGB Percent	65%, 0%, 100%
CMY	0.3529, 1.0000, 0.0000
CMYK	0.35, 1.00, 0.00, 0.00
HSL	279°, 100%, 50%
HSV	279°, 100%, 100%
XYZ	33.5670, 15.2193, 95.7762
YIQ	78.4050, 16.4850, 114.2850

Conversions

Conversions Part 2

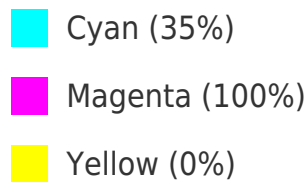
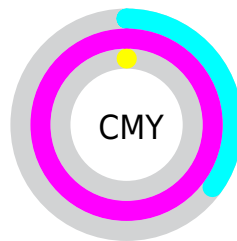
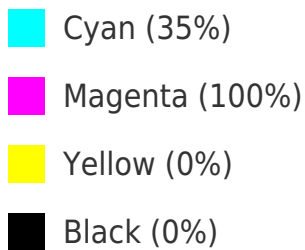
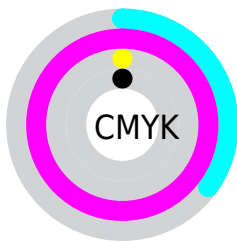
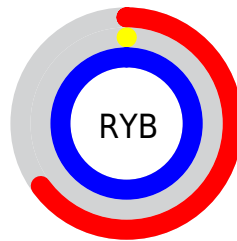
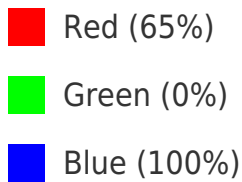
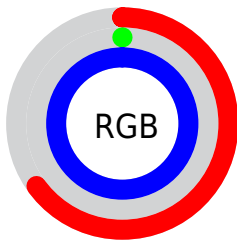
Format	Color
RYB	165, 0, 255
Decimal	10813695
CIELab	45.93, 86.47, -84.85
CIELCh	46, 121.146, 315.542
Yxy	15.2193, 0.2322, 0.1053
Android (android.graphics.Color)	4289003775 (0xFFA500FF)
YUV	78.4050, 87.0613, 75.9438
Hunter-Lab	39.0120, 85.3158, -118.2513

Details

The YUV color **78.4050, 87.0613, 75.9438** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **176.5950, -87.0613, -75.9438**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1860, 52.1663, 68.2429**, and **52.9560, 71.0137, 43.0116** is the 20% darker color. If you saturate the color by 10%, you get **78.4050, 87.0613, 75.9438**, and if you desaturate by 10%, it is **95.7710, 78.4999, 68.6068**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YUV color 78.4050, 87.0613, 75.9438 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 78.4050, 87.0613, 75.9438 by changing the saturation by 10% instead.


 78.4050, 87.0613,
75.9438


 78.4050, 87.0613,
75.9438


 255.0000, 0.0000,
0.0000


 65.8300, 78.9638,
59.7851


 149.1860, 52.1663,
68.2429


 52.9560, 71.0137,
43.0116


 175.7550, 39.0678,
69.4979


 39.8970, 63.6478,
25.5233


 192.7780, 30.6754,
54.5687

 24.1470, 57.6085,
2.5021

 210.3880, 21.9937,
39.1247

 12.9960, 49.7950,
-11.3975

 227.9980, 13.3120,
23.6808

 10.1460, 38.8750,
-8.8980

 245.6080, 4.6303,

 11.4050, 25.9293,

8.2368

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 78.4050, 87.0613,
75.9438

■ 95.7710, 78.4999,
68.6068

■ 113.7240, 69.6491,
60.7551

■ 131.6770, 60.7982,
52.9033

■ 149.0430, 52.2368,
45.5663

■ 166.9960, 43.3860,
37.7145

■ 184.3620, 34.8245,
30.3775

■ 202.3150, 25.9737,
22.5257

■ 219.6810, 17.4123,
15.1888

■ 237.6340, 8.5614,
7.3370

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



78.4050, 87.0613, 75.9438



94.4140, 33.3199, 139.9569

Triad

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



78.4050, 87.0613, 75.9438



101.9100, -50.2416, 61.4689



102.2950, 28.9416, -89.7127

Complementary

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



78.4050, 87.0613, 75.9438



176.5950, -87.0613, -75.9438

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.



88.1080, -17.8012, -77.2707



78.4050, 87.0613, 75.9438



95.5450, -47.1037, -11.8790

Square

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



78.4050, 87.0613, 75.9438



70.5640, -34.7881, 145.0874



79.2450, -39.0678, -69.4979



114.1850, 69.4218, -100.1402

Rectangle

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



78.4050, 87.0613, 75.9438



87.1890, 4.3438, 147.1702



79.2450, -39.0678, -69.4979



97.7180, 13.9430, -85.6987

Sweetspot

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



78.4050, 87.0613, 75.9438



202.3150, 25.9737, 22.5257



84.2480, 84.1807, -73.8855



95.9150, 15.8179, 13.2295



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.



78.4050, 87.0613, 75.9438



101.4390, 58.9436, 134.6730



118.8740, 4.4991, 3.6185



58.8500, 65.1500, 57.1366



19.5550, 21.9114, 18.8073

Inverse Universe

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



86.5050, 1.7230, 147.7701



153.5610, -58.9436, -134.6730



119.3430, -0.1691, 7.5922



64.7470, 1.1107, 110.7239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 78.4050, 87.0613, 75.9438 looks on a white background.

Color Contrast Check

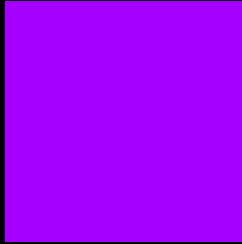
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.4050, 87.0613, 75.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

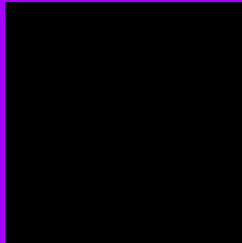
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.4050, 87.0613, 75.9438

Background



This preview shows how black text looks on a background with the YUV color 78.4050, 87.0613, 75.9438.



This preview shows how white text looks on a background with the YUV color 78.4050, 87.0613,

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

87.7580, 67.1673, -76.9638

Deuteranopia

88.3330, 51.6008, -77.4680

Tritanopia

111.8610, -2.3965, 22.0469

Trichromacy



Protanomaly

84.0590, 74.4139, -21.0997

Deuteranomaly

84.8280, 64.6678, -21.7742

Tritanomaly

99.8750, 30.1346, 41.3286

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.4280, 31.3410, 27.6886

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4050, 87.0613, 75.9438 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(165, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 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(165, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 255) }
```

Border

The CSS property to change the border of an element to YUV 78.4050, 87.0613, 75.9438 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(165, 0, 255) }
```

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

```
.border{ border-color:rgb(165, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 78.4050, 87.0613, 75.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 255) }
```

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

```
.background{ background-color: rgb(165, 0,  
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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