

Converting Colors

YUV(72.2240, 88.1366, 57.6856)

Have a look what the booklet for
YUV(72.2240, 88.1366, 57.6856)
contains.

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Color

**YUV(72.2240, 88.1366,
57.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	8A04FB
RGB	138, 4, 251
RGB Percent	54%, 2%, 98%
CMY	0.4588, 0.9843, 0.0157
CMYK	0.45, 0.98, 0.00, 0.02
HSL	273°, 97%, 50%
HSV	273°, 98%, 98%
XYZ	27.9372, 12.4551, 92.1984
YIQ	72.2240, 0.5770, 105.2250

Conversions

Conversions Part 2

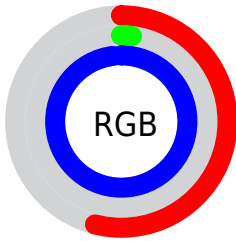
Format	Color
R_{YB}	138, 4, 251
Decimal	9045243
CIE _{Lab}	41.93, 82.74, -89.33
CIE _{LCh}	42, 121.765, 312.807
Yxy	12.4551, 0.2107, 0.0939
Android (android.graphics.Color)	4287235323 (0xFF8A04FB)
YUV	72.2240, 88.1366, 57.6856
Hunter-Lab	35.2918, 79.5410, -130.1883

Details

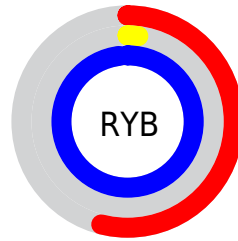
The YUV color **72.2240, 88.1366, 57.6856** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **182.7760, -88.1366, -57.6856**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0640, 57.1564, 54.3179**, and **43.2310, 73.8361, 24.3534** is the 20% darker color. If you saturate the color by 10%, you get **69.2780, 89.5889, 58.5152**, and if you desaturate by 10%, it is **90.1880, 79.2803, 51.5781**.

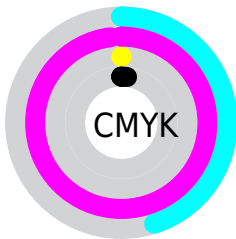
Distribution



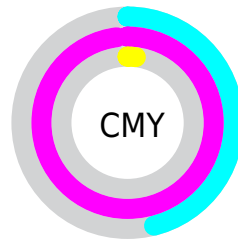
- Red (54%)
- Green (2%)
- Blue (98%)



- Red (54%)
- Yellow (2%)
- Blue (98%)



- Cyan (45%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)





- Cyan (46%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.2240, 88.1366, 57.6856 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 72.2240, 88.1366, 57.6856 by changing the saturation by 10% instead.


 72.2240, 88.1366,
57.6856


 72.2240, 88.1366,
57.6856


255.0000, 0.0000,
0.0000


 57.0020, 81.3440,
42.9712


 139.0640, 57.1564,
54.3179


 43.2310, 73.8361,
24.3534


 165.9430, 43.9051,
57.9320


 25.6870, 68.6813,
-2.3565


 189.8430, 32.1224,
57.1427

 15.6180, 59.8413,
-13.6970

 206.8660, 23.7301,
42.2135

 12.6540, 48.4846,
-11.0976

 223.8890, 15.3377,
27.2843

 14.3860, 34.8127,
-12.6165

 241.4990, 6.6560,

 10.4760, 24.9083,

11.8404

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 72.2240, 88.1366,
57.6856

■ 72.2240, 88.1366,
57.6856

■ 69.2780, 89.5889,
58.5152

■ 90.1880, 79.2803,
51.5781

■ 108.4510, 70.2767,
46.0855

■ 126.4150, 61.4204,
39.9780

■ 144.6780, 52.4167,
34.4854

■ 163.2290, 43.2711,
27.8632

■ 181.4920, 34.2674,
22.3705

■ 199.4560, 25.4112,
16.2631

■ 217.7190, 16.4075,
10.7704

■ 235.6830, 7.5513,
4.6630

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



72.2240, 88.1366, 57.6856



89.2170, 35.3890, 129.6057

Triad

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



72.2240, 88.1366, 57.6856



90.7240, -44.7269, 66.0171



93.0850, 24.1151, -81.6355

Complementary

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



72.2240, 88.1366, 57.6856



182.7760, -88.1366, -57.6856

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.



78.5560, -23.9381, -68.8936



72.2240, 88.1366, 57.6856



87.9030, -43.3362, -6.9309

Square

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



72.2240, 88.1366, 57.6856



67.8730, -33.4614, 139.5544



72.2010, -35.5951, -63.3203



105.7900, 65.1795, -92.7778

Rectangle

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



72.2240, 88.1366, 57.6856



87.0750, 3.9070, 147.2702



72.2010, -35.5951, -63.3203



88.5080, 9.1166, -77.6215

Sweetspot

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



72.2240, 88.1366, 57.6856



199.9230, 27.1530, 17.6075



99.6630, 74.6091, -83.8965



94.7190, 16.4075, 10.7704



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.



72.2240, 88.1366, 57.6856



70.3320, 91.0413, 59.3448



105.0990, 67.9852, 127.9552



115.5750, 4.6465, 3.0037



52.0440, 67.5193, 43.8114



16.8210, 21.7802, 14.1890

Inverse Universe

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



90.7350, 12.9486, 140.5524



89.5830, 13.5166, 145.0707



149.9010, -67.9852, -127.9552



116.5710, 0.7045, 7.3922



66.3150, 9.7047, 107.5947



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 72.2240, 88.1366, 57.6856 looks on a white background.

Color Contrast Check

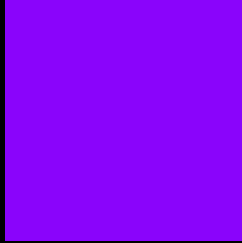
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2240, 88.1366, 57.6856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

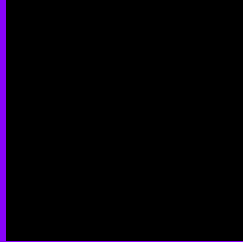
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2240, 88.1366, 57.6856

Background



This preview shows how black text looks on a background with the YUV color 72.2240, 88.1366, 57.6856.



This preview shows how white text looks on a background with the YUV color 72.2240, 88.1366,

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

72.2240, 88.1366, 57.6856

Protanopia

80.0810, 60.5991, -70.2310

Deuteranopia

80.2970, 46.1956, -70.4205



Tritanopia

100.4070, 2.7573, 2.2741

Trichromacy



Original Color

72.2240, 88.1366, 57.6856

Protanomaly

77.0110, 70.4936, -23.6886

Deuteranomaly

77.3070, 61.4736, -23.9482

Tritanomaly

90.3780, 33.8306, 22.4705

Monochromacy



Original Color

72.2240, 88.1366, 57.6856

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9110, 32.0889, 21.1261

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2240, 88.1366, 57.6856 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(138, 4, 251)` looks like.

```
.text, #text, p{  
    color:rgb(138, 4, 251)  
}
```

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(138, 4, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 4, 251) }
```

Border

The CSS property to change the border of an element to YUV 72.2240, 88.1366, 57.6856 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(138, 4, 251) }
```


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

```
.border{ border-color:rgb(138, 4, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 4, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 4, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 4, 251);  
box-shadow:4px 4px 4px 4px rgb(138, 4,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 72.2240, 88.1366, 57.6856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 4, 251) }
```

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

```
.background{ background-color: rgb(138, 4,  
251) }
```

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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