

Converting Colors

YUV(98.3950, 75.7273,
118.0486)

Have a look what the booklet for
YUV(98.3950, 75.7273, 118.0486)
contains.

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Color

**YUV(98.3950, 75.7273,
118.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	E900FC
RGB	233, 0, 252
RGB Percent	91%, 0%, 99%
CMY	0.0863, 1.0000, 0.0118
CMYK	0.08, 1.00, 0.00, 0.01
HSL	295°, 100%, 49%
HSV	295°, 100%, 99%
XYZ	51.1750, 24.3519, 94.0986
YIQ	98.3950, 57.9760, 127.7680

Conversions

Conversions Part 2

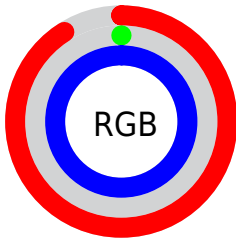
Format	Color
R _Y B	233, 0, 252
Decimal	15270140
CIE Lab	56.44, 94.53, -65.61
CIE LCh	56, 115.068, 325.237
Yxy	24.3519, 0.3017, 0.1436
Android (android.graphics.Color)	4293460220 (0xFFE900FC)
YUV	98.3950, 75.7273, 118.0486
Hunter-Lab	49.3477, 98.7513, -78.5138

Details

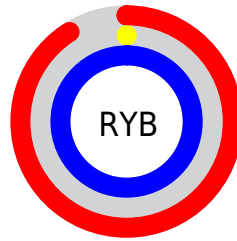
The YUV color **98.3950, 75.7273, 118.0486** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **153.6050, -75.7273, -118.0486**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **73.5440, 59.3848, 86.3459** is the 20% darker color. If you saturate the color by 10%, you get **98.3950, 75.7273, 118.0486**, and if you desaturate by 10%, it is **113.6680, 68.1977, 106.4082**.

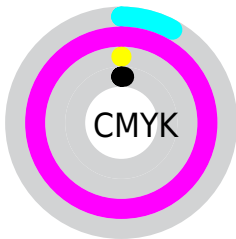
Distribution



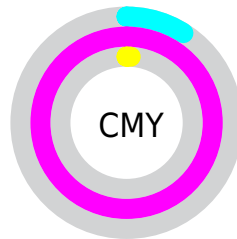
- Red (91%)
- Green (0%)
- Blue (99%)



- Red (91%)
- Yellow (0%)
- Blue (99%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (9%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.3950, 75.7273, 118.0486 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 98.3950, 75.7273, 118.0486 by changing the saturation by 10% instead.


 98.3950, 75.7273,
118.0486


 98.3950, 75.7273,
118.0486


255.0000, 0.0000,
0.0000


 85.8200, 67.6297,
101.8899


 164.6020, 44.5662,
79.2790


 73.5440, 59.3848,
86.3459

 183.9730, 35.0163,
62.2907

 61.3820, 51.5767,
70.7020


 202.1700, 26.0452,
46.3319

 49.3340, 44.2053,
54.9581

 220.3670, 17.0741,
30.3731

 37.4000, 37.2708,
39.1142

 238.5640, 8.1029,
14.4144

 25.7650, 30.1889,
23.8851

 12.2650, 25.0124,

4.1526

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 98.3950, 75.7273,
118.0486

■ 113.6680, 68.1977,
106.4082

■ 128.9410, 60.6681,
94.7677

■ 144.8010, 52.8491,
82.6125

■ 160.0740, 45.3195,
70.9721

■ 175.3470, 37.7899,
59.3317

■ 190.3210, 30.4077,
47.0765

■ 205.5940, 22.8782,
35.4361

■ 221.4540, 15.0592,
23.2808

■ 236.7270, 7.5296,
11.6404

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



98.3950, 75.7273, 118.0486



94.0290, 30.5517, 141.1716

Triad

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



98.3950, 75.7273, 118.0486



127.7710, -62.9911, 44.0508



126.5170, 45.5941, -110.9554

Complementary

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



98.3950, 75.7273, 118.0486



153.6050, -75.7273, -118.0486

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.



113.6010, 1.1827, -99.6281



98.3950, 75.7273, 118.0486



113.4210, -55.9166, -31.9412

Square

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



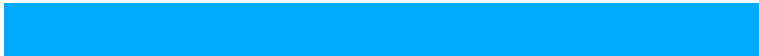
98.3950, 75.7273, 118.0486



115.2530, -56.8197, 118.1731



97.4420, -48.0389, -85.4566



129.4470, 61.8976, -113.5250

Rectangle

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



98.3950, 75.7273, 118.0486



86.6190, 2.1598, 147.6701



97.4420, -48.0389, -85.4566



122.7550, 31.1798, -107.6561

Sweetspot

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



98.3950, 75.7273, 118.0486



208.5940, 22.8782, 35.4361



41.0550, 103.9959, -36.0052



99.8020, 13.9016, 21.2216



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.



98.3950, 75.7273, 118.0486



99.6340, 76.5954, 119.5930



92.1060, 27.0627, 140.2270



117.0700, 3.9095, 6.0776



73.5720, 56.9060, 88.0754



23.9970, 18.2425, 28.9436

Inverse Universe

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



77.5140, -28.8474, 153.0242



78.4110, -29.2896, 154.8686



159.8940, -27.0627, -140.2270



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 98.3950, 75.7273, 118.0486 looks on a white background.

Color Contrast Check

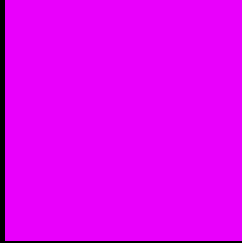
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.3950, 75.7273, 118.0486 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 98.3950, 75.7273, 118.0486

Background



This preview shows how black text looks on a background with the YUV color 98.3950, 75.7273, 118.0486.

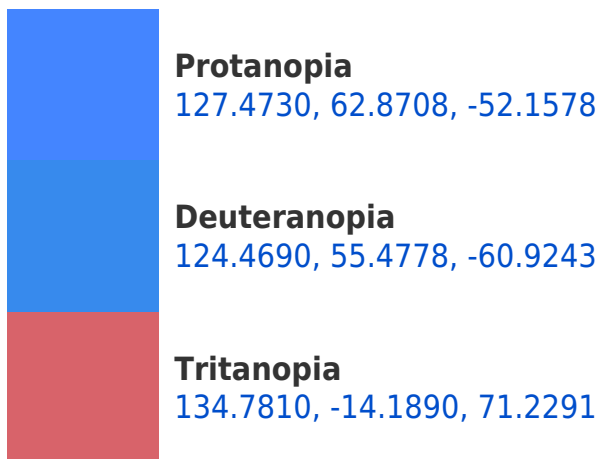


This preview shows how white text looks on a background with the YUV color 98.3950, 75.7273,

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



Trichromacy



Protanomaly

117.1230, 67.4804, 9.5391

Deuteranomaly

115.1240, 62.5499, 4.2763

Tritanomaly

121.4850, 18.4949, 88.1517

Monochromacy



Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9030, 27.6558, 43.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3950, 75.7273, 118.0486 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(233, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(233, 0, 252)  
}
```

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(233, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 0, 252) }
```

Border

The CSS property to change the border of an element to YUV 98.3950, 75.7273, 118.0486 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(233, 0, 252) }
```

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

```
.border{ border-color:rgb(233, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(233, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(233, 0,  
252) }
```


Background

The CSS property to change the background color of an element to YUV 98.3950, 75.7273, 118.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 0, 252) }
```

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

```
.background{ background-color: rgb(233, 0,  
252) }
```

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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