

Converting Colors

YUV(108.7380, 72.1072,
112.4858)

Have a look what the booklet for
YUV(108.7380, 72.1072, 112.4858)
contains.

YUV(108.7380, 72.1072, 112.4858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.7380, 72.1072,
112.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	ED0FFF
RGB	237, 15, 255
RGB Percent	93%, 6%, 100%
CMY	0.0706, 0.9412, 0.0000
CMYK	0.07, 0.94, 0.00, 0.00
HSL	296°, 100%, 53%
HSV	296°, 94%, 100%
XYZ	53.1459, 25.5662, 96.7414
YIQ	108.7380, 55.2720, 121.7040

Conversions

Conversions Part 2

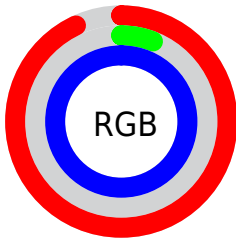
Format	Color
R _Y B	237, 15, 255
Decimal	15536127
CIE Lab	57.62, 94.58, -65.34
CIE LCh	58, 114.953, 325.364
Yxy	25.5662, 0.3029, 0.1457
Android (android.graphics.Color)	4293726207 (0xFFED0FFF)
YUV	108.7380, 72.1072, 112.4858
Hunter-Lab	50.5630, 99.1329, -78.0445

Details

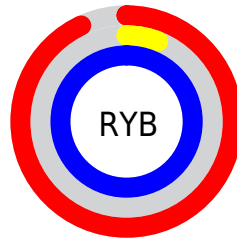
The YUV color **108.7380, 72.1072, 112.4858** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **161.2620, -72.1072, -112.4858**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 43.4087, 77.2199**, and **75.0820, 60.1056, 88.5051** is the 20% darker color. If you saturate the color by 10%, you get **99.6340, 76.5954, 119.5930**, and if you desaturate by 10%, it is **124.5980, 64.2882, 100.3306**.

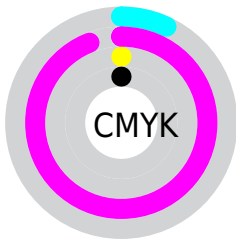
Distribution



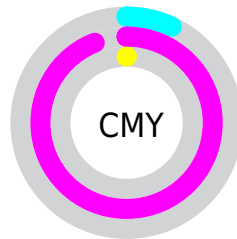
- Red (93%)
- Green (6%)
- Blue (100%)



- Red (93%)
- Yellow (6%)
- Blue (100%)



- Cyan (7%)
- Magenta (94%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (94%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.7380, 72.1072, 112.4858 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 108.7380, 72.1072, 112.4858 by changing the saturation by 10% instead.


 108.7380, 72.1072,
112.4858


 108.7380, 72.1072,
112.4858


255.0000, 0.0000,
0.0000


 87.3580, 68.3505,
104.0490


 166.9500, 43.4087,
77.2199


 75.0820, 60.1056,
88.5051


 185.7340, 34.1481,
60.7463

 62.9200, 52.2974,
72.8612


 203.9310, 25.1770,
44.7875

 50.8720, 44.9261,
57.1173

 222.1280, 16.2059,
28.8287

 38.9380, 37.9916,
41.2734

 240.3250, 7.2348,
12.8700

 27.3030, 30.9096,
26.0443

 13.9880, 25.1489,

7.0265

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 108.7380, 72.1072,
112.4858

■ 108.7380, 72.1072,
112.4858

■ 99.6340, 76.5954,
119.5930

■ 124.5980, 64.2882,
100.3306

■ 139.8710, 56.7586,
88.6901

■ 155.7310, 48.9396,
76.5349

■ 171.0040, 41.4100,
64.8945

■ 186.8640, 33.5910,
52.7393

■ 201.8380, 26.2089,
40.4841

■ 217.6980, 18.3899,
28.3289

■ 232.9710, 10.8603,
16.6884

■ 248.8310, 3.0413,
4.5332

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



108.7380, 72.1072, 112.4858



94.3710, 31.8621, 140.8716

Triad

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



108.7380, 72.1072, 112.4858



130.7280, -64.4489, 44.9655



129.3210, 46.1837, -113.4145

Complementary

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



108.7380, 72.1072, 112.4858



161.2620, -72.1072, -112.4858

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.



116.2910, 1.3355, -101.9872



108.7380, 72.1072, 112.4858



116.3780, -57.3744, -31.0265

Square

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



108.7380, 72.1072, 112.4858



118.4980, -58.4195, 117.9583



99.7900, -49.1965, -87.5158



131.2080, 61.0295, -115.0694

Rectangle

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



108.7380, 72.1072, 112.4858



86.8470, 3.0334, 147.4702



99.7900, -49.1965, -87.5158



124.9720, 32.0588, -109.6004

Sweetspot

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



108.7380, 72.1072, 112.4858



211.8280, 21.2838, 33.4768



54.1000, 99.0437, -34.2907



100.9760, 13.3228, 20.1920



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.



108.7380, 72.1072, 112.4858



99.6340, 76.5954, 119.5930



102.7200, 25.7740, 133.5496



120.0700, 3.9095, 6.0776



74.6970, 57.3374, 89.7197



24.9370, 19.2581, 29.8733

Inverse Universe

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



88.8120, -27.5153, 145.7469



78.4110, -29.2896, 154.8686



167.2800, -25.7740, -133.5496



119.0010, -1.4795, 7.8921



58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 108.7380, 72.1072, 112.4858 looks on a white background.

Color Contrast Check

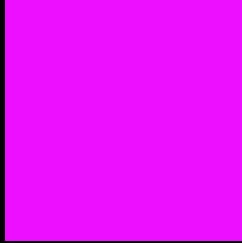
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7380, 72.1072, 112.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

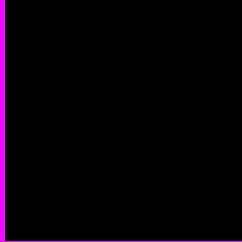
Any Text WCAG AA ✓ Pass

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 108.7380, 72.1072, 112.4858 Background



This preview shows how black text looks on a background with the YUV color 108.7380, 72.1072, 112.4858.



This preview shows how white text looks on a background with the YUV color 108.7380, 72.1072, 112.4858.

112.4858.

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

108.7380, 72.1072, 112.4858

Protanopia

130.7400, 61.2602, -48.8840

Deuteranopia

127.4800, 55.4724, -59.1800



Tritanopia

137.3790, -14.4838, 72.4586

Trichromacy



Original Color

108.7380, 72.1072, 112.4858



Protanomaly

122.5530, 65.2964, 10.0390



Deuteranomaly

120.7710, 61.2449, 2.8318



Tritanomaly

127.0180, 16.7531, 86.8072

Monochromacy



Original Color

108.7380, 72.1072, 112.4858



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.1370, 26.0615, 41.0989

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7380, 72.1072, 112.4858 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(237, 15, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 15, 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(237, 15, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 15, 255) }
```

Border

The CSS property to change the border of an element to YUV 108.7380, 72.1072, 112.4858 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(237, 15, 255) }
```


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

```
.border{ border-color:rgb(237, 15, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 15, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 15, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 15, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 15,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 108.7380, 72.1072, 112.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 15, 255) }
```

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

```
.background{ background-color: rgb(237, 15,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor