

Converting Colors

YUV(126.2700, 51.6319,
99.7412)

Have a look what the booklet for
YUV(126.2700, 51.6319, 99.7412)
contains.

YUV(126.2700, 51.6319, 99.7412)	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(126.2700, 51.6319,
99.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	F030E7
RGB	240, 48, 231
RGB Percent	94%, 19%, 91%
CMY	0.0588, 0.8118, 0.0941
CMYK	0.00, 0.80, 0.04, 0.06
HSL	303°, 86%, 56%
HSV	303°, 80%, 94%
XYZ	51.4159, 26.4087, 77.9888
YIQ	126.2700, 55.6890, 97.6170

Conversions

Conversions Part 2

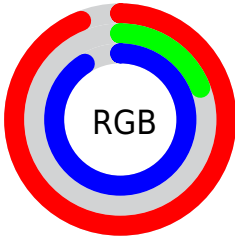
Format	Color
R _Y B	240, 48, 231
Decimal	15741159
CIE Lab	58.42, 86.61, -50.63
CIE LCh	58, 100.326, 329.691
Yxy	26.4087, 0.3300, 0.1695
Android (android.graphics.Color)	4293931239 (0xFFFF030E7)
YUV	126.2700, 51.6319, 99.7412
Hunter-Lab	51.3894, 88.6608, -54.0062

Details

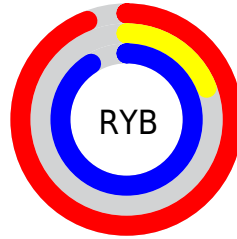
The YUV color **126.2700, 51.6319, 99.7412** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **161.7300, -51.6319, -99.7412**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5810, 39.6466, 70.5275**, and **73.4710, 50.0538, 92.5489** is the 20% darker color. If you saturate the color by 10%, you get **112.0680, 58.1405, 112.1964**, and if you desaturate by 10%, it is **140.4720, 45.1233, 87.2861**.

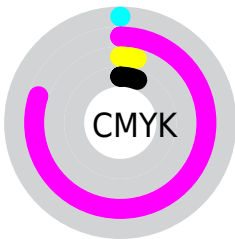
Distribution



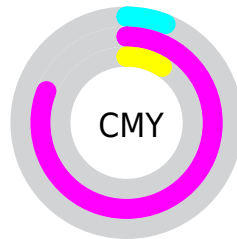
- Red (94%)
- Green (19%)
- Blue (91%)



- Red (94%)
- Yellow (19%)
- Blue (91%)



- Cyan (0%)
- Magenta (80%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (81%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.2700, 51.6319, 99.7412 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 126.2700, 51.6319, 99.7412 by changing the saturation by 10% instead.


 126.2700, 51.6319,
99.7412


 126.2700, 51.6319,
99.7412


255.0000, 0.0000,
0.0000


 85.8180, 57.2777,
108.9076


 174.5810, 39.6466,
70.5275


 73.4710, 50.0538,
92.5489


 192.7780, 30.6754,
54.5687


 61.6080, 42.0983,
77.5198


 210.3880, 21.9937,
39.1247

 49.6740, 35.1637,
61.6759

 227.9980, 13.3120,
23.6808

 38.1530, 28.5186,
46.3468

 246.1950, 4.3409,
7.7220

 27.2300, 21.5786,
32.2473

 15.5240, 15.5177,

16.2035

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 126.2700, 51.6319,
99.7412

■ 126.2700, 51.6319,
99.7412

■ 112.0680, 58.1405,
112.1964

■ 140.4720, 45.1233,
87.2861

■ 97.8660, 64.6491,
124.6515

■ 154.6740, 38.6147,
74.8309

■ 168.8760, 32.1061,
62.3757

■ 183.0780, 25.5975,
49.9206

■ 197.3940, 19.5258,
37.3655

■ 211.5960, 13.0172,
24.9103

■ 225.7980, 6.5086,
12.4552

■ 240.0000, 0.0000,
0.0000

■ 248.9190, -3.9041,
-7.8220

Harmonies

Analogous

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



131.8350, 60.7203, -15.6413



126.2700, 51.6319, 99.7412



92.8890, 26.1837, 142.1713

Triad

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



126.2700, 51.6319, 99.7412



131.8470, -65.0006, 35.2142



129.0760, 47.7835, -113.1997

Complementary

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



126.2700, 51.6319, 99.7412



161.7300, -51.6319, -99.7412

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.



118.3430, 9.1979, -103.7868



126.2700, 51.6319, 99.7412



117.2530, -57.8057, -32.6709

Square

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



126.2700, 51.6319, 99.7412



128.1010, -63.1538, 96.3814



104.1220, -32.5981, -91.3150



129.4470, 61.8976, -113.5250

Rectangle

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



126.2700, 51.6319, 99.7412



86.2770, 0.8494, 147.9701



104.1220, -32.5981, -91.3150



125.8840, 35.5532, -110.4003

Sweetspot

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



126.2700, 51.6319, 99.7412



218.8510, 16.3425, 31.7027



71.6820, 82.9808, -15.5071



106.0530, 9.8339, 19.2475



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.



126.2700, 51.6319, 99.7412



109.9310, 66.0960, 127.2255



115.6680, 11.0097, 109.0392



112.8420, 3.0359, 6.2776



74.9660, 49.3168, 95.6228



22.7860, 14.8955, 29.1287

Inverse Universe

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



126.2700, 51.6319, 99.7412



109.9310, 66.0960, 127.2255



172.3320, -11.0097, -109.0392



112.8420, 3.0359, 6.2776



74.9660, 49.3168, 95.6228



22.7860, 14.8955, 29.1287

Previews

White Background



This preview shows how the YUV color 126.2700, 51.6319, 99.7412 looks on a white background.

Color Contrast Check

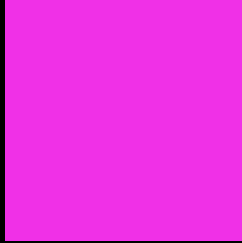
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.2700, 51.6319, 99.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

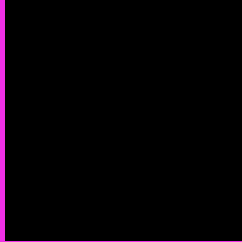
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.2700, 51.6319, 99.7412

Background



This preview shows how black text looks on a background with the YUV color 126.2700, 51.6319, 99.7412.



This preview shows how white text looks on a background with the YUV color 126.2700, 51.6319, 99.7412.

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

126.2700, 51.6319, 99.7412

Protanopia

133.7080, 59.7970, -46.2249

Deuteranopia

137.2310, 39.8191, -31.7746



Tritanopia

138.0700, -15.8105, 77.9916

Trichromacy



Original Color

126.2700, 51.6319, 99.7412



Protanomaly

131.2400, 56.5767, 6.8055



Deuteranomaly

133.6790, 44.0353, 16.0675



Tritanomaly

133.5420, 8.6068, 86.3477

Monochromacy



Original Color

126.2700, 51.6319, 99.7412



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.1550, 18.6576, 35.8211

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2700, 51.6319, 99.7412 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(240, 48, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 48, 231)  
}
```

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(240, 48, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 48, 231) }
```

Border

The CSS property to change the border of an element to YUV 126.2700, 51.6319, 99.7412 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(240, 48, 231) }
```


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

```
.border{ border-color:rgb(240, 48, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 48, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 48, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 48, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 48,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 126.2700, 51.6319, 99.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 48, 231) }
```

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

```
.background{ background-color: rgb(240, 48,  
231) }
```

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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