

Converting Colors

YUV(97.0980, 69.4647,
120.0631)

Have a look what the booklet for
YUV(97.0980, 69.4647, 120.0631)
contains.

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Color

**YUV(97.0980, 69.4647,
120.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	EA00EE
RGB	234, 0, 238
RGB Percent	92%, 0%, 93%
CMY	0.0824, 1.0000, 0.0667
CMYK	0.02, 1.00, 0.00, 0.07
HSL	299°, 100%, 47%
HSV	299°, 100%, 93%
XYZ	49.3643, 23.6655, 82.8550
YIQ	97.0980, 63.0660, 123.6260

Conversions

Conversions Part 2

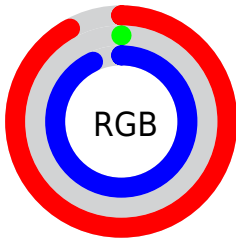
Format	Color
R_{YB}	234, 0, 238
Decimal	15335662
CIE _{Lab}	55.75, 92.64, -58.88
CIE _{LCh}	56, 109.767, 327.558
Yxy	23.6655, 0.3167, 0.1518
Android (android.graphics.Color)	4293525742 (0xFFEA00EE)
YUV	97.0980, 69.4647, 120.0631
Hunter-Lab	48.6472, 95.9988, -66.9287

Details

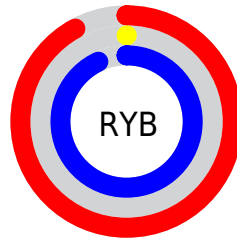
The YUV color **97.0980, 69.4647, 120.0631** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **140.9020, -69.4647, -120.0631**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **72.3610, 53.5590, 88.2604** is the 20% darker color. If you saturate the color by 10%, you get **97.0980, 69.4647, 120.0631**, and if you desaturate by 10%, it is **111.1860, 62.5193, 107.7079**.

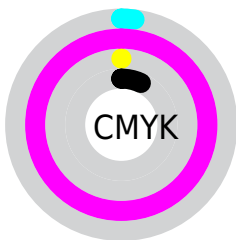
Distribution



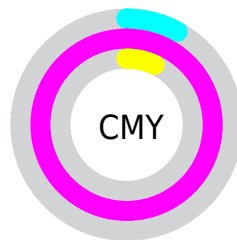
- Red (92%)
- Green (0%)
- Blue (93%)



- Red (92%)
- Yellow (0%)
- Blue (93%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)





- Cyan (8%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.0980, 69.4647, 120.0631 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 97.0980, 69.4647, 120.0631 by changing the saturation by 10% instead.


 97.0980, 69.4647,
120.0631


 97.0980, 69.4647,
120.0631


255.0000, 0.0000,
0.0000


 84.5230, 61.3672,
103.9043


 164.6020, 44.5662,
79.2790


 72.3610, 53.5590,
88.2604


 183.3860, 35.3057,
62.8055

 60.3130, 46.1877,
72.5165


 201.5830, 26.3346,
46.8467

 48.5640, 38.6689,
57.3874

 219.7800, 17.3635,
30.8879

 36.6300, 31.7344,
41.5435

 237.9770, 8.3923,
14.9292

 25.1090, 25.0893,
26.2144

 12.8050, 19.3231,

8.9410

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 97.0980, 69.4647,
120.0631

■ 111.1860, 62.5193,
107.7079

■ 125.5730, 55.4265,
95.9675

■ 139.0740, 48.7705,
84.1271

■ 153.4610, 41.6777,
72.3867

■ 167.5490, 34.7323,
60.0315

■ 181.6370, 27.7870,
47.6764

■ 196.0240, 20.6942,
35.9360

■ 209.5250, 14.0382,
24.0956

■ 223.9120, 6.9454,
12.3552

Harmonies

Analogous

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



114.5480, 69.2428, -42.5766



97.0980, 69.4647, 120.0631



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.



97.0980, 69.4647, 120.0631



125.6670, -61.9538, 38.0030



124.9840, 47.3359, -109.6110

Complementary

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



97.0980, 69.4647, 120.0631



140.9020, -69.4647, -120.0631

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.



113.2250, 4.8191, -99.2983



97.0980, 69.4647, 120.0631



110.7410, -54.5953, -35.7299

Square

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



97.0980, 69.4647, 120.0631



117.2470, -57.8028, 106.7774



96.2680, -47.4601, -84.4270



127.0990, 63.0552, -111.4658

Rectangle

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



97.0980, 69.4647, 120.0631



85.8210, -0.8978, 148.3700



96.2680, -47.4601, -84.4270



121.3360, 33.3584, -106.4117

Sweetspot

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



97.0980, 69.4647, 120.0631



210.0890, 22.1411, 38.5099



31.8280, 101.6428, -27.9132



100.6990, 13.4594, 23.0660



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.



97.0980, 69.4647, 120.0631



104.1190, 74.3843, 128.8146



85.6400, 20.3905, 133.6197



112.9560, 3.4727, 6.1776



75.0950, 53.6902, 92.8787



22.8290, 16.3533, 28.2140

Inverse Universe

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



71.6180, -33.3357, 145.9170



76.7010, -35.8416, 156.3682



152.3600, -20.3905, -133.6197



111.5880, -1.7689, 7.3773



55.3580, -25.8125, 112.8190



16.8580, -7.8180, 34.3275

Previews

White Background



This preview shows how the YUV color 97.0980, 69.4647, 120.0631 looks on a white background.

Color Contrast Check

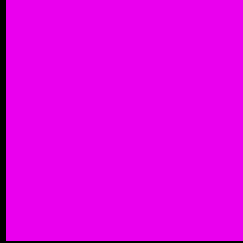
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0980, 69.4647, 120.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

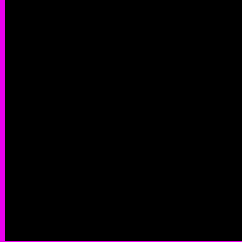
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.0980, 69.4647, 120.0631

Background



This preview shows how black text looks on a background with the YUV color 97.0980, 69.4647, 120.0631.



This preview shows how white text looks on a background with the YUV color 97.0980, 69.4647,

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

125.1030, 64.0392, -53.5873

Deuteranopia

128.0920, 47.2826, -45.6847

Tritanopia

131.4720, -15.5157, 76.7621

Trichromacy



Protanomaly

114.7810, 66.1700, 9.8391

Deuteranomaly

116.9420, 55.2446, 14.0829

Tritanomaly

118.7090, 15.4265, 92.3402

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2190, 25.0350, 43.6579

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0980, 69.4647, 120.0631 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(234, 0, 238)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 238)  
}
```

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(234, 0, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 238) }
```

Border

The CSS property to change the border of an element to YUV 97.0980, 69.4647, 120.0631 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(234, 0, 238) }
```

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

```
.border{ border-color:rgb(234, 0, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 0, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 238);  
box-shadow:4px 4px 4px 4px rgb(234, 0,  
238) }
```


Background

The CSS property to change the background color of an element to YUV 97.0980, 69.4647, 120.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 238) }
```

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

```
.background{ background-color: rgb(234, 0,  
238) }
```

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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