

Converting Colors

YUV(96.2570, 64.9493,
121.6776)

Have a look what the booklet for
YUV(96.2570, 64.9493, 121.6776)
contains.

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Color

**YUV(96.2570, 64.9493,
121.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	EB00E4
RGB	235, 0, 228
RGB Percent	92%, 0%, 89%
CMY	0.0784, 1.0000, 0.1059
CMYK	0.00, 1.00, 0.03, 0.08
HSL	302°, 100%, 46%
HSV	302°, 100%, 92%
XYZ	48.2645, 23.2636, 75.3453
YIQ	96.2570, 66.8720, 120.7280

Conversions

Conversions Part 2

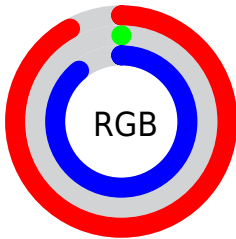
Format	Color
R _Y B	235, 0, 228
Decimal	15401188
CIE Lab	55.34, 91.39, -53.90
CIE LCh	55, 106.098, 329.471
Yxy	23.2636, 0.3286, 0.1584
Android (android.graphics.Color)	4293591268 (0xFFEB00E4)
YUV	96.2570, 64.9493, 121.6776
Hunter-Lab	48.2324, 94.2125, -58.8561

Details

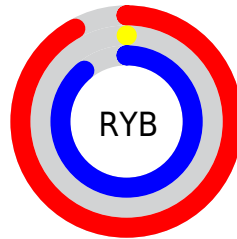
The YUV color **96.2570, 64.9493, 121.6776** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **138.7430, -64.9493, -121.6776**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0150, 44.8556, 79.7938**, and **71.6340, 49.4804, 89.7750** is the 20% darker color. If you saturate the color by 10%, you get **96.2570, 64.9493, 121.6776**, and if you desaturate by 10%, it is **109.8720, 58.7301, 109.7373**.

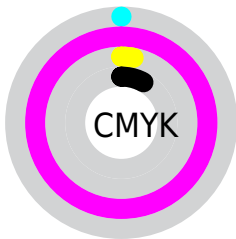
Distribution



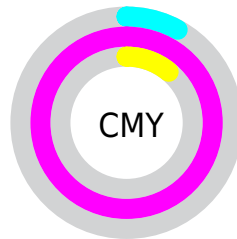
- Red (92%)
- Green (0%)
- Blue (89%)



- Red (92%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.2570, 64.9493, 121.6776 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 96.2570, 64.9493, 121.6776 by changing the saturation by 10% instead.


 96.2570, 64.9493,
121.6776


 96.2570, 64.9493,
121.6776


255.0000, 0.0000,
0.0000


 83.7960, 57.2886,
105.4189


 164.0150, 44.8556,
79.7938


 71.6340, 49.4804,
89.7750


 182.7990, 35.5951,
63.3203

 59.5860, 42.1091,
74.0311

 201.5830, 26.3346,
46.8467

 47.8370, 34.5904,
58.9020

 219.1930, 17.6529,
31.4027

 36.3160, 27.9452,
43.5729

 237.3900, 8.6817,
15.4440

 24.7950, 21.3001,
28.2438

 12.9040, 15.8233,

11.4852

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 96.2570, 64.9493,
121.6776

■ 109.8720, 58.7301,
109.7373

■ 123.9600, 51.7847,
97.3821

■ 138.1620, 45.2761,
84.9269

■ 151.7770, 39.0569,
72.9866

■ 165.9790, 32.5484,
60.5314

■ 179.4800, 25.8924,
48.6910

■ 193.0950, 19.6732,
36.7507

■ 207.2970, 13.1646,
24.2955

■ 220.7980, 6.5086,
12.4552

Harmonies

Analogous

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



120.5720, 66.2730, -23.3036



96.2570, 64.9493, 121.6776



92.0910, 23.1261, 142.8712

Triad

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



96.2570, 64.9493, 121.6776



124.4600, -61.3588, 33.7996



123.9240, 48.3515, -108.6813

Complementary

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



96.2570, 64.9493, 121.6776



138.7430, -64.9493, -121.6776

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.



112.6210, 7.5818, -98.7686



96.2570, 64.9493, 121.6776



108.3600, -53.4215, -38.9037

Square

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



96.2570, 64.9493, 121.6776



118.6760, -58.5073, 99.3851



97.2770, -41.0556, -85.3119



125.3380, 63.9234, -109.9214

Rectangle

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



96.2570, 64.9493, 121.6776



85.2510, -3.0817, 148.8699



97.2770, -41.0556, -85.3119



120.5040, 35.2475, -105.6820

Sweetspot

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



96.2570, 64.9493, 121.6776



210.1600, 21.1201, 39.3247



27.9860, 102.0579, -21.0357



100.7700, 12.4384, 23.8807



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.



96.2570, 64.9493, 121.6776



104.4030, 70.3003, 132.0736



83.2610, 15.1543, 133.0751



110.5430, 3.1833, 5.6628



74.1830, 50.1958, 93.6785



22.0740, 14.7535, 27.9991

Inverse Universe

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



96.2570, 64.9493, 121.6776



104.4030, 70.3003, 132.0736



151.7390, -15.1543, -133.0751



110.5430, 3.1833, 5.6628



74.1830, 50.1958, 93.6785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 96.2570, 64.9493, 121.6776 looks on a white background.

Color Contrast Check

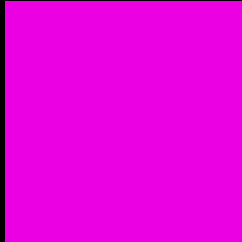
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.2570, 64.9493, 121.6776 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 96.2570, 64.9493, 121.6776

Background



This preview shows how black text looks on a background with the YUV color 96.2570, 64.9493, 121.6776.

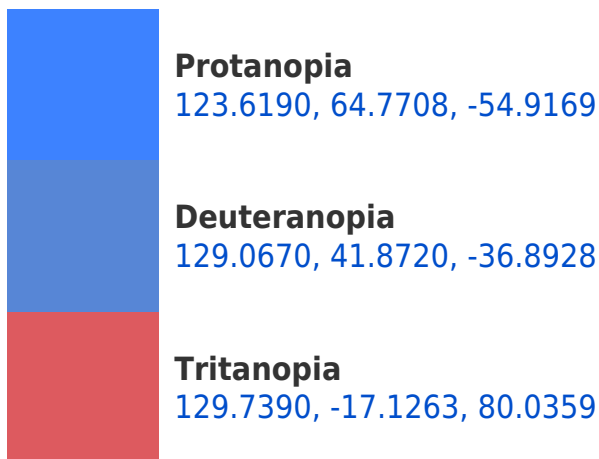


This preview shows how white text looks on a background with the YUV color 96.2570, 64.9493,

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

113.7270, 64.7176, 9.0094

Deuteranomaly

117.0200, 50.2761, 21.0305

Tritanomaly

117.3350, 12.6528, 95.2992

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1760, 23.5772, 44.5726

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2570, 64.9493, 121.6776 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(235, 0, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 228)  
}
```

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(235, 0, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 228) }
```

Border

The CSS property to change the border of an element to YUV 96.2570, 64.9493, 121.6776 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(235, 0, 228) }
```

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

```
.border{ border-color:rgb(235, 0, 228) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
228) }
```


Background

The CSS property to change the background color of an element to YUV 96.2570, 64.9493, 121.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 228) }
```

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

```
.background{ background-color: rgb(235, 0,  
228) }
```

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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