

Converting Colors

YUV(97.8660, 64.6491,
124.6515)

Have a look what the booklet for
YUV(97.8660, 64.6491, 124.6515)
contains.

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Color

**YUV(97.8660, 64.6491,
124.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	F000E5
RGB	240, 0, 229
RGB Percent	94%, 0%, 90%
CMY	0.0588, 1.0000, 0.1020
CMYK	0.00, 1.00, 0.05, 0.06
HSL	303°, 100%, 47%
HSV	303°, 100%, 94%
XYZ	50.0780, 24.1824, 76.1570
YIQ	97.8660, 69.5310, 122.0990

Conversions

Conversions Part 2

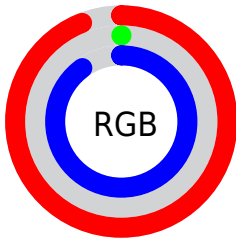
Format	Color
R _Y B	240, 0, 229
Decimal	15728869
CIE Lab	56.27, 92.33, -52.93
CIE LCh	56, 106.424, 330.175
Yxy	24.1824, 0.3329, 0.1608
Android (android.graphics.Color)	4293918949 (0xFFFF00E5)
YUV	97.8660, 64.6491, 124.6515
Hunter-Lab	49.1756, 95.7183, -57.3980

Details

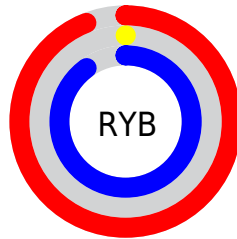
The YUV color **97.8660, 64.6491, 124.6515** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **142.1340, -64.6491, -124.6515**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **73.2430, 49.1802, 92.7489** is the 20% darker color. If you saturate the color by 10%, you get **97.8660, 64.6491, 124.6515**, and if you desaturate by 10%, it is **112.0680, 58.1405, 112.1964**.

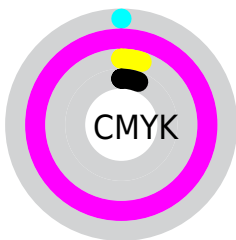
Distribution



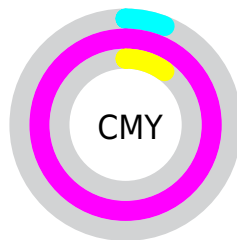
- Red (94%)
- Green (0%)
- Blue (90%)



- Red (94%)
- Yellow (0%)
- Blue (90%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8660, 64.6491, 124.6515 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 97.8660, 64.6491, 124.6515 by changing the saturation by 10% instead.

97.8660, 64.6491,
124.6515

97.8660, 64.6491,
124.6515

255.0000, 0.0000,
0.0000

85.2910, 56.5515,
108.4928

164.6020, 44.5662,
79.2790

73.2430, 49.1802,
92.7489

183.9730, 35.0163,
62.2907

61.1950, 41.8089,
77.0050

202.1700, 26.0452,
46.3319

49.1470, 34.4375,
61.2611

220.3670, 17.0741,
30.3731

37.6260, 27.7924,
45.9320

238.5640, 8.1029,
14.4144

26.4040, 20.9998,
31.2177

14.5130, 15.5231,

14.4591

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 97.8660, 64.6491,
124.6515

■ 112.0680, 58.1405,
112.1964

■ 126.2700, 51.6319,
99.7412

■ 140.4720, 45.1233,
87.2861

■ 154.6740, 38.6147,
74.8309

■ 168.8760, 32.1061,
62.3757

■ 183.1920, 26.0343,
49.8206

■ 197.3940, 19.5258,
37.3655

■ 211.5960, 13.0172,
24.9103

■ 225.7980, 6.5086,
12.4552

Harmonies

Analogous

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



123.8500, 64.6570, -18.2854



97.8660, 64.6491, 124.6515



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.



97.8660, 64.6491, 124.6515



126.5200, -62.3744, 32.8700



126.2550, 49.6673, -110.7256

Complementary

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



97.8660, 64.6491, 124.6515



142.1340, -64.6491, -124.6515

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.



114.9520, 8.8977, -100.8129



97.8660, 64.6491, 124.6515



109.8220, -54.1422, -41.0629

Square

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



97.8660, 64.6491, 124.6515



121.6220, -59.9596, 98.5555



99.3630, -38.1400, -87.1414



127.0990, 63.0552, -111.4658

Rectangle

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



97.8660, 64.6491, 124.6515



85.2510, -3.0817, 148.8699



99.3630, -38.1400, -87.1414



122.8350, 36.5633, -107.7263

Sweetspot

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



97.8660, 64.6491, 124.6515



209.9320, 20.2465, 39.5246



29.7520, 103.6523, -19.0765



100.6560, 12.0016, 23.9807



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.



97.8660, 64.6491, 124.6515



103.9470, 68.5531, 132.4735



84.5280, 13.5437, 136.3489



112.8420, 3.0359, 6.2776



74.9660, 49.3168, 95.6228



22.9000, 15.3323, 29.0287

Inverse Universe

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



97.8660, 64.6491, 124.6515



103.9470, 68.5531, 132.4735



155.4720, -13.5437, -136.3489



112.8420, 3.0359, 6.2776



74.9660, 49.3168, 95.6228



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 97.8660, 64.6491, 124.6515 looks on a white background.

Color Contrast Check

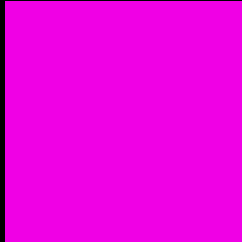
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.8660, 64.6491, 124.6515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

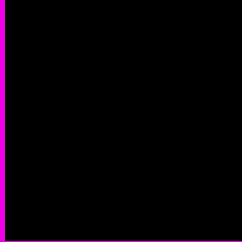
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.8660, 64.6491, 124.6515

Background



This preview shows how black text looks on a background with the YUV color 97.8660, 64.6491, 124.6515.

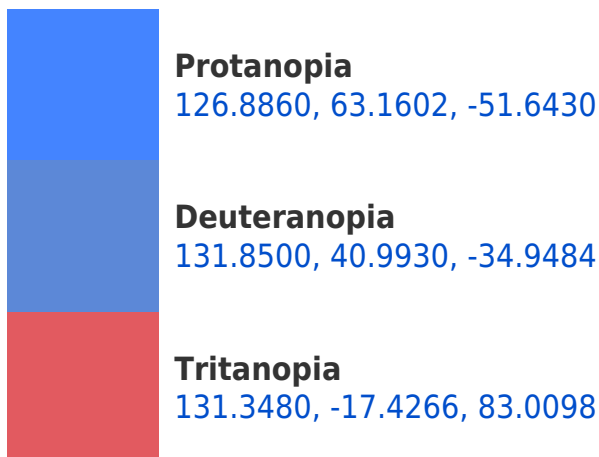


This preview shows how white text looks on a background with the YUV color 97.8660, 64.6491,

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

116.5210, 63.8331, 12.6981

Deuteranomaly

119.8030, 49.3971, 22.9748

Tritanomaly

118.9440, 12.3526, 98.2731

Monochromacy



Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8880, 23.7192, 45.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8660, 64.6491, 124.6515 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, 0, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 229)  
}
```

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, 0, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 229) }
```

Border

The CSS property to change the border of an element to YUV 97.8660, 64.6491, 124.6515 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, 0, 229) }
```

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

```
.border{ border-color:rgb(240, 0, 229) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
229) }
```


Background

The CSS property to change the background color of an element to YUV 97.8660, 64.6491, 124.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 229) }
```

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

```
.background{ background-color: rgb(240, 0,  
229) }
```

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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