

Converting Colors

YUV(93.2970, 74.2966,
110.2415)

Have a look what the booklet for
YUV(93.2970, 74.2966, 110.2415)
contains.

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Color

**YUV(93.2970, 74.2966,
110.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	DB00F4
RGB	219, 0, 244
RGB Percent	86%, 0%, 96%
CMY	0.1412, 1.0000, 0.0431
CMYK	0.10, 1.00, 0.00, 0.04
HSL	294°, 100%, 48%
HSV	294°, 100%, 96%
XYZ	45.5426, 21.5917, 87.3552
YIQ	93.2970, 52.2000, 122.3120

Conversions

Conversions Part 2

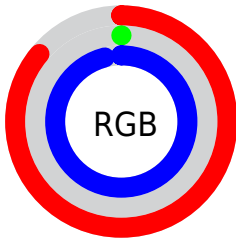
Format	Color
R_{YB}	219, 0, 244
Decimal	14352628
CIE _{Lab}	53.59, 91.30, -65.86
CIE _{LCh}	54, 112.570, 324.196
Yxy	21.5917, 0.2948, 0.1398
Android (android.graphics.Color)	4292542708 (0xFFDB00F4)
YUV	93.2970, 74.2966, 110.2415
Hunter-Lab	46.4669, 93.6321, -78.9351

Details

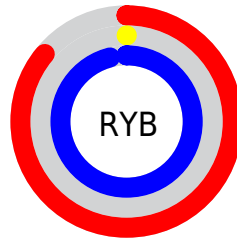
The YUV color **93.2970, 74.2966, 110.2415** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **150.7030, -74.2966, -110.2415**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8410, 45.4344, 80.8234**, and **68.5600, 58.3909, 78.4389** is the 20% darker color. If you saturate the color by 10%, you get **93.2970, 74.2966, 110.2415**, and if you desaturate by 10%, it is **107.9830, 67.0564, 99.1159**.

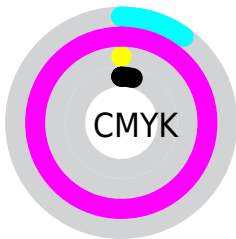
Distribution



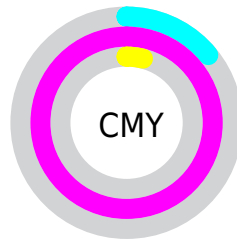
- Red (86%)
- Green (0%)
- Blue (96%)



- Red (86%)
- Yellow (0%)
- Blue (96%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)





- Cyan (14%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.2970, 74.2966, 110.2415 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 93.2970, 74.2966, 110.2415 by changing the saturation by 10% instead.


 93.2970, 74.2966,
110.2415


 93.2970, 74.2966,
110.2415


255.0000, 0.0000,
0.0000


 81.0210, 66.0516,
94.6976


 162.8410, 45.4344,
80.8234


 68.5600, 58.3909,
78.4389


 181.6250, 36.1739,
64.3499


 56.6970, 50.4354,
63.4097


 199.8220, 27.2028,
48.3911

 44.6490, 43.0640,
47.6658

 217.4320, 18.5210,
32.9471

 33.0140, 35.9821,
32.4367

 235.6290, 9.5499,
16.9884

 20.5960, 29.7792,
15.2633

253.8260, 0.5788,

 6.3840, 24.4607,

1.0296

-5.5988

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 93.2970, 74.2966,
110.2415

■ 107.9830, 67.0564,
99.1159

■ 123.5550, 59.3794,
88.0903

■ 138.5400, 51.9918,
77.5794

■ 153.8130, 44.4622,
65.9390

■ 168.7980, 37.0746,
55.4282

■ 183.4840, 29.8344,
44.3025

■ 199.0560, 22.1574,
33.2769

■ 213.7420, 14.9172,
22.1513

■ 229.3140, 7.2402,
11.1256

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



93.2970, 74.2966, 110.2415



93.4590, 28.3677, 141.6715

Triad

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



93.2970, 74.2966, 110.2415



120.6940, -59.5021, 44.9954



120.3390, 42.2309, -105.5373

Complementary

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



93.2970, 74.2966, 110.2415



150.7030, -74.2966, -110.2415

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.



107.1780, -0.5808, -93.9951



93.2970, 74.2966, 110.2415



107.5400, -53.0172, -28.5376

Square

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



93.2970, 74.2966, 110.2415



106.3930, -52.4517, 117.1733



92.1590, -45.4344, -80.8234



124.1640, 64.5021, -108.8918

Rectangle

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



93.2970, 74.2966, 110.2415



86.2770, 0.8494, 147.9701



92.1590, -45.4344, -80.8234



116.1040, 28.5427, -101.8232

Sweetspot

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



93.2970, 74.2966, 110.2415



207.9960, 23.1730, 34.2065



44.2520, 98.4758, -38.8090



99.5030, 14.0490, 20.6069



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.



93.2970, 74.2966, 110.2415



97.5410, 77.6273, 115.2895



90.0560, 29.5524, 135.0089



114.6570, 3.6201, 5.5628



71.1370, 56.6275, 84.0719



22.5730, 17.9585, 26.6845

Inverse Universe

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



75.8060, -25.0474, 147.5061



79.2090, -26.2320, 154.1687



153.9440, -29.5524, -135.0089



113.7020, -1.3321, 7.2773



57.7800, -19.1185, 112.4489



18.3250, -6.0762, 35.6720

Previews

White Background



This preview shows how the YUV color 93.2970, 74.2966, 110.2415 looks on a white background.

Color Contrast Check

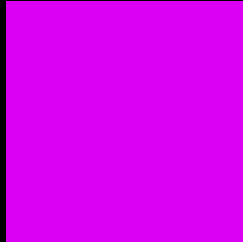
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.2970, 74.2966, 110.2415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

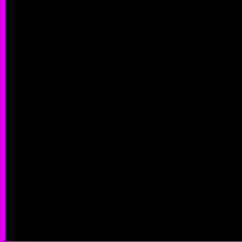
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.2970, 74.2966, 110.2415

Background



This preview shows how black text looks on a background with the YUV color 93.2970, 74.2966, 110.2415.

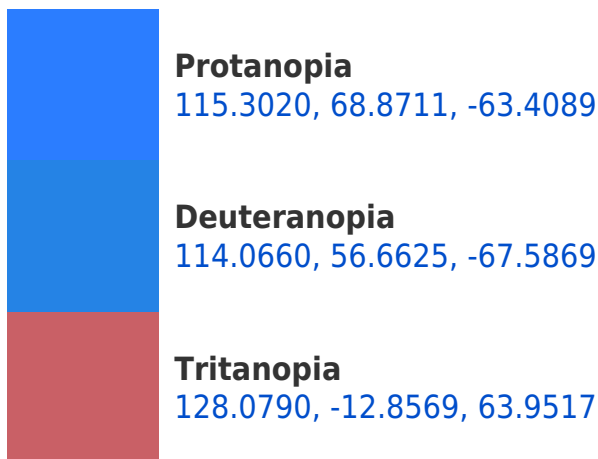


This preview shows how white text looks on a background with the YUV color 93.2970, 74.2966,

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

107.5670, 70.7125, -0.4973

Deuteranomaly

106.1940, 63.0084, -2.8011

Tritanomaly

115.5550, 18.9534, 81.0743

Monochromacy



Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0660, 27.0825, 40.2841

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2970, 74.2966, 110.2415 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(219, 0, 244)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 244)  
}
```

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(219, 0, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 244) }
```

Border

The CSS property to change the border of an element to YUV 93.2970, 74.2966, 110.2415 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(219, 0, 244) }
```

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

```
.border{ border-color:rgb(219, 0, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 0, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 244);  
box-shadow:4px 4px 4px 4px rgb(219, 0,  
244) }
```


Background

The CSS property to change the background color of an element to YUV 93.2970, 74.2966, 110.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 244) }
```

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

```
.background{ background-color: rgb(219, 0,  
244) }
```

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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