

Converting Colors

YUV(70.3430, 74.2739, 70.7362)

Have a look what the booklet for
YUV(70.3430, 74.2739, 70.7362)
contains.

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Color

**YUV(70.3430, 74.2739,
70.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	9700DD
RGB	151, 0, 221
RGB Percent	59%, 0%, 87%
CMY	0.4078, 1.0000, 0.1333
CMYK	0.32, 1.00, 0.00, 0.13
HSL	281°, 100%, 43%
HSV	281°, 100%, 87%
XYZ	25.8136, 11.7998, 69.3237
YIQ	70.3430, 19.0550, 100.7430

Conversions

Conversions Part 2

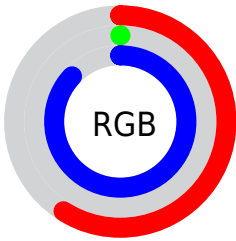
Format	Color
R _Y B	151, 0, 221
Decimal	9896157
CIE Lab	40.90, 78.56, -73.96
CIE LCh	41, 107.894, 316.726
Yxy	11.7998, 0.2414, 0.1103
Android (android.graphics.Color)	4288086237 (0xFF9700DD)
YUV	70.3430, 74.2739, 70.7362
Hunter-Lab	34.3508, 74.0238, -95.6082

Details

The YUV color **70.3430, 74.2739, 70.7362** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **150.6570, -74.2739, -70.7362**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4670, 55.9718, 60.9804**, and **45.9050, 58.2208, 39.5483** is the 20% darker color. If you saturate the color by 10%, you get **70.3430, 74.2739, 70.7362**, and if you desaturate by 10%, it is **85.3500, 66.8755, 63.7141**.

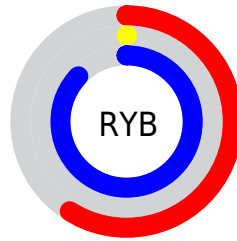
Distribution



Red (59%)

Green (0%)

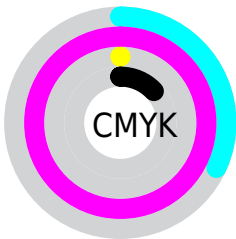
Blue (87%)



Red (59%)

Yellow (0%)

Blue (87%)

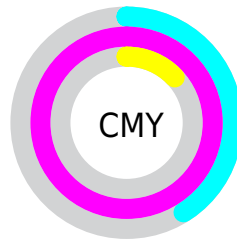


Cyan (32%)

Magenta (100%)

Yellow (0%)

Black (13%)



Cyan (41%)


Magenta (100%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.3430, 74.2739, 70.7362 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 70.3430, 74.2739, 70.7362 by changing the saturation by 10% instead.


 70.3430, 74.2739,
70.7362


 70.3430, 74.2739,
70.7362


255.0000, 0.0000,
0.0000


 58.0670, 66.0290,
55.1922


 141.4670, 55.9718,
60.9804


 45.9050, 58.2208,
39.5483


 167.7590, 43.0098,
65.1094


 33.2590, 51.1443,
22.5749


 188.6690, 32.7012,
58.1723

 20.1290, 44.7994,
4.2719

 205.6920, 24.3088,
43.2431

 9.6900, 37.1278,
-8.4981

 223.3020, 15.6271,
27.7991

 10.4760, 24.9083,
-9.1875

 240.3250, 7.2348,

 6.0930, 15.7302,

12.8700

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 70.3430, 74.2739,
70.7362

■ 85.3500, 66.8755,
63.7141

■ 100.3570, 59.4770,
56.6919

■ 115.3640, 52.0785,
49.6698

■ 130.3710, 44.6801,
42.6476

■ 145.9650, 36.9923,
35.1107

■ 160.9720, 29.5938,
28.0886

■ 175.9790, 22.1954,
21.0664

■ 190.9860, 14.7969,
14.0443

■ 205.9930, 7.3985,
7.0221

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



70.3430, 74.2739, 70.7362



83.2350, 27.9851, 124.3279

Triad

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



70.3430, 74.2739, 70.7362



90.6360, -44.6835, 52.0622



91.1930, 27.0199, -79.9763

Complementary

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



70.3430, 74.2739, 70.7362



150.6570, -74.2739, -70.7362

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.



78.7160, -13.1710, -69.0339



70.3430, 74.2739, 70.7362



84.3260, -41.5727, -12.5639

Square

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



70.3430, 74.2739, 70.7362



61.5940, -30.3658, 126.6441



70.4400, -34.7269, -61.7759



101.0140, 62.1111, -88.5893

Rectangle

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



70.3430, 74.2739, 70.7362



80.5100, 0.7346, 138.1187



70.4400, -34.7269, -61.7759



87.0720, 13.7685, -76.3621

Sweetspot

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



70.3430, 74.2739, 70.7362



203.2120, 25.5315, 24.3701



68.6320, 75.1174, -60.1903



96.5130, 15.5231, 14.4591



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.



70.3430, 74.2739, 70.7362



81.0960, 85.7347, 81.4768



87.0550, 47.7939, 117.4698



102.3470, 3.7729, 3.2037



55.0040, 58.1720, 55.2475



14.5130, 15.5231, 14.4591

Inverse Universe

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



74.0590, -2.0011, 128.8673



85.4790, -2.2081, 148.6699



133.9450, -47.7939, -117.4698



102.6310, -0.3111, 6.4626



57.9970, -1.4775, 100.8576



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 70.3430, 74.2739, 70.7362 looks on a white background.

Color Contrast Check

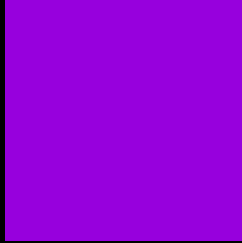
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 70.3430, 74.2739, 70.7362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

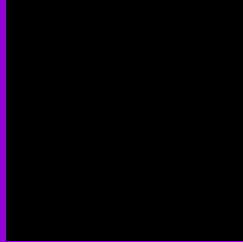
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3430, 74.2739, 70.7362

Background



This preview shows how black text looks on a background with the YUV color 70.3430, 74.2739, 70.7362.



This preview shows how white text looks on a background with the YUV color 70.3430, 74.2739,

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



Deuteranopia

79.0090, 46.3376, -69.2909

Tritanopia

99.3560, -3.1335, 25.1208

Trichromacy



Deuteranomaly

75.6730, 56.3632, -18.1302



Tritanomaly

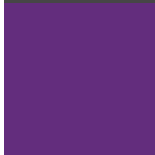
88.9090, 25.1879, 41.2988

Monochromacy



Achromatopsia

70.0000, 0.0000, 0.0000



Achromatomaly

70.2660, 26.9839, 25.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3430, 74.2739, 70.7362 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(151, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 221)  
}
```

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(151, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 221) }
```

Border

The CSS property to change the border of an element to YUV 70.3430, 74.2739, 70.7362 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(151, 0, 221) }
```

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

```
.border{ border-color:rgb(151, 0, 221) }
```

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

Here you see how a box with a 4 pixel rgb(151, 0, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(151, 0,  
221) }
```


Background

The CSS property to change the background color of an element to YUV 70.3430, 74.2739, 70.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 221) }
```

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

```
.background{ background-color: rgb(151, 0,  
221) }
```

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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