

# Converting Colors

YUV(69.7470, 84.9207, 62.4889)

Have a look what the booklet for  
YUV(69.7470, 84.9207, 62.4889)  
contains.

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# Color

**YUV(69.7470, 84.9207,  
62.4889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D00F2
RGB	141, 0, 242
RGB Percent	55%, 0%, 95%
CMY	0.4471, 1.0000, 0.0510
CMYK	0.42, 1.00, 0.00, 0.05
HSL	275°, 100%, 47%
HSV	275°, 100%, 95%
XYZ	27.0115, 12.0735, 84.9112
YIQ	69.7470, 6.3540, 105.1540

# Conversions

## Conversions Part 2

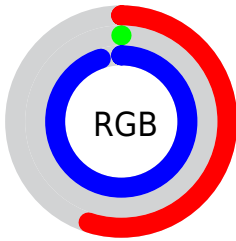
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 0, 242
Decimal	9240818
CIELab	41.33, 81.61, -85.24
CIElCh	41, 118.007, 313.752
Yxy	12.0735, 0.2178, 0.0974
Android (android.graphics.Color)	4287430898 (0xFF8D00F2)
YUV	69.7470, 84.9207, 62.4889
Hunter-Lab	34.7470, 77.9547, -120.5640

# Details

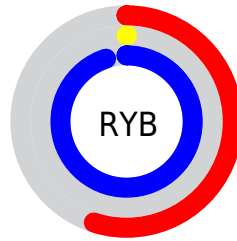
The YUV color **69.7470, 84.9207, 62.4889** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **172.2530, -84.9207, -62.4889**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0750, 57.1510, 56.0622**, and **43.7000, 69.1679, 28.3271** is the 20% darker color. If you saturate the color by 10%, you get **69.7470, 84.9207, 62.4889**, and if you desaturate by 10%, it is **86.8250, 76.5013, 56.2815**.

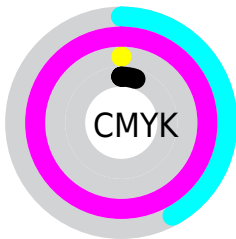
# Distribution



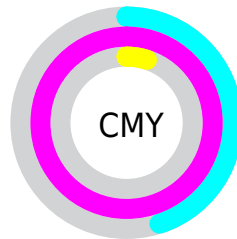
- Red (55%)
- Green (0%)
- Blue (95%)



- Red (55%)
- Yellow (0%)
- Blue (95%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)




- Cyan (45%)
- Magenta (100%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 69.7470, 84.9207, 62.4889 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 69.7470, 84.9207, 62.4889 by changing the saturation by 10% instead.





 69.7470, 84.9207,  
62.4889


 69.7470, 84.9207,  
62.4889


255.0000, 0.0000,  
0.0000


 57.1720, 76.8232,  
46.3302


 139.0750, 57.1510,  
56.0622


 43.7000, 69.1679,  
28.3271


 165.3670, 44.1891,  
60.1911


 28.5480, 62.8338,  
6.5354


 188.6690, 32.7012,  
58.1723

 14.7060, 56.3469,  
-12.8972

 205.6920, 24.3088,  
43.2431

 11.7420, 44.9902,  
-10.2977

 223.3020, 15.6271,  
27.7991

 14.1750, 31.4657,  
-12.4315

 240.3250, 7.2348,

 9.0910, 22.1401,

12.8700

-7.9728

■ 4.8220, 13.3988,  
-4.2289

■ 0.3420, 1.3104,  
-0.2999

■ 69.7470, 84.9207,  
62.4889

■ 86.8250, 76.5013,  
56.2815

■ 103.9030, 68.0818,  
50.0741

■ 121.5680, 59.3730,  
43.3519

■ 138.6460, 50.9535,  
37.1445

■ 156.0230, 42.3867,  
31.5518

■ 173.1010, 33.9672,  
25.3444

■ 190.1790, 25.5478,  
19.1370

■ 207.8440, 16.8389,  
12.4148

■ 224.9220, 8.4195,  
6.2074

# Harmonies

## Analogous

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



87.7700, 82.4444, -76.9743



69.7470, 84.9207, 62.4889



87.2230, 32.9211, 127.8464

# Triad

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



69.7470, 84.9207, 62.4889



90.4030, -44.5687, 61.9136



91.9110, 24.6939, -80.6059

# Complementary

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



69.7470, 84.9207, 62.4889



172.2530, -84.9207, -62.4889

# 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.



78.0660, -20.7385, -68.4639



69.7470, 84.9207, 62.4889



86.4190, -42.6046, -8.2605

# Square

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



69.7470, 84.9207, 62.4889



65.7800, -32.4295, 135.2509



71.6140, -35.3057, -62.8055



103.5730, 64.3005, -90.8335



# Rectangle

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



69.7470, 84.9207, 62.4889



85.1240, 2.8969, 144.5963



71.6140, -35.3057, -62.8055



87.4480, 10.1321, -76.6919

# Sweetspot

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



69.7470, 84.9207, 62.4889



200.8200, 26.7107, 19.4519



89.2230, 75.3191, -78.2486



95.0180, 16.2601, 11.3852



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.



69.7470, 84.9207, 62.4889



73.6210, 89.4198, 66.1074



98.1220, 63.0439, 126.1810



111.4610, 4.2097, 3.1037



52.9690, 64.5983, 47.3852



16.2510, 19.5963, 14.6889



# Inverse Universe

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



83.8720, 8.4441, 138.6783



88.3290, 8.7118, 146.1705



143.8780, -63.0439, -126.1810



112.1580, 0.4151, 6.8774



63.7940, 6.5106, 105.4207



19.3660, 1.7916, 32.1280



# Previews

## White Background



This preview shows how the YUV color 69.7470, 84.9207, 62.4889 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

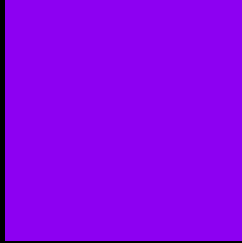
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 69.7470, 84.9207, 62.4889 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

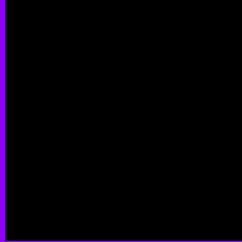
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 69.7470, 84.9207, 62.4889

## Background



This preview shows how black text looks on a background with the YUV color 69.7470, 84.9207, 62.4889.



This preview shows how white text looks on a background with the YUV color 69.7470, 84.9207,

62.4889.

# 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

79.2660, 60.0149, -69.5163

### Deuteranopia

79.5960, 46.0482, -69.8057

### Tritanopia

99.6960, 1.1359, 9.0366

# Trichromacy



## Protanomaly

75.6800, 69.1778, -21.6444

## Deuteranomaly

75.9760, 60.1578, -21.9040

## Tritanomaly

88.8410, 31.6304, 28.2034

# Monochromacy



## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

70.2810, 30.9205, 22.5556

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.7470, 84.9207, 62.4889 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(141, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(141, 0, 242)  
}
```

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(141, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 0, 242) }
```

## Border

The CSS property to change the border of an element to YUV 69.7470, 84.9207, 62.4889 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(141, 0, 242) }
```

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

```
.border{ border-color:rgb(141, 0, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 0, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(141, 0,  
242) }
```



# Background

The CSS property to change the background color of an element to YUV 69.7470, 84.9207, 62.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 0, 242) }
```

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

```
.background{ background-color: rgb(141, 0,  
242) }
```

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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