

# Converting Colors

YUV(101.2030, 72.8639, 9.4690)

Have a look what the booklet for  
YUV(101.2030, 72.8639, 9.4690)  
contains.

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# Color

**YUV(101.2030, 72.8639,  
9.4690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7043F9
RGB	112, 67, 249
RGB Percent	44%, 26%, 98%
CMY	0.5608, 0.7373, 0.0235
CMYK	0.55, 0.73, 0.00, 0.02
HSL	255°, 94%, 62%
HSV	255°, 73%, 98%
XYZ	25.7881, 14.2986, 91.0233
YIQ	101.2030, -31.6020, 66.1420

# Conversions

## Conversions Part 2

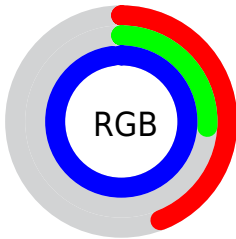
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 67, 249
Decimal	7357433
CIE Lab	44.66, 62.23, -83.82
CIE LCh	45, 104.399, 306.592
Yxy	14.2986, 0.1967, 0.1091
Android (android.graphics.Color)	4285547513 (0xFF7043F9)
YUV	101.2030, 72.8639, 9.4690
Hunter-Lab	37.8135, 55.5602, -116.2512

# Details

The YUV color **101.2030, 72.8639, 9.4690** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **214.7970, -72.8639, -9.4690**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2480, 51.1497, 20.8305**, and **37.2230, 75.8121, -2.8266** is the 20% darker color. If you saturate the color by 10%, you get **80.8470, 82.8994, 10.6582**, and if you desaturate by 10%, it is **121.5590, 62.8284, 8.2798**.

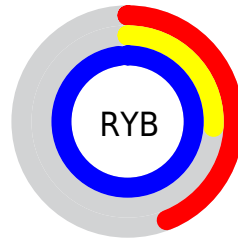
# Distribution



Red (44%)

Green (26%)

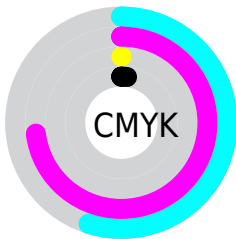
Blue (98%)



Red (44%)

Yellow (26%)

Blue (98%)

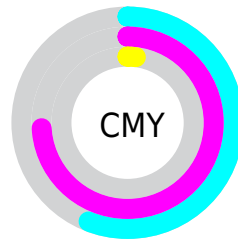


Cyan (55%)

Magenta (73%)

Yellow (0%)

Black (2%)



Cyan (56%)

Magenta (74%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.2030, 72.8639, 9.4690 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 101.2030, 72.8639, 9.4690 by changing the saturation by 10% instead.



101.2030, 72.8639,  
9.4690

101.2030, 72.8639,  
9.4690

255.0000, 0.0000,  
0.0000

72.4690, 72.7328,  
4.8507

151.2480, 51.1497,  
20.8305

37.2230, 75.8121,  
-2.8266

176.3660, 38.7666,  
25.9890

18.5820, 71.1981,  
-16.2964

202.0710, 26.0940,  
30.6327

15.5040, 59.4045,  
-13.5970

223.8890, 15.3377,  
27.2843

12.4260, 47.6110,  
-10.8976

240.9120, 6.9454,  
12.3552

16.0330, 33.5077,  
-14.0609

10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 101.2030, 72.8639,  
9.4690

■ 101.2030, 72.8639,  
9.4690

■ 80.8470, 82.8994,  
10.6582

■ 121.5590, 62.8284,  
8.2798

■ 60.7900, 92.7875,  
12.4622

■ 141.6160, 52.9403,  
6.4758

■ 46.9240, 99.6235,  
13.2217

■ 161.9720, 42.9048,  
5.2866

■ 182.3280, 32.8693,  
4.0973

■ 202.6840, 22.8338,  
2.9081

■ 222.1540, 13.2351,  
1.6189

■ 242.5100, 3.1996,  
0.4297

■ 254.3160, -2.6208,  
0.5999

# Harmonies

## Analogous

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



95.9880, 78.3929, -84.1815



101.2030, 72.8639, 9.4690



85.0610, 45.3259, 115.7105

# Triad

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



101.2030, 72.8639, 9.4690



96.0950, -47.3748, 75.3387



94.5550, 14.5164, -82.9247

# Complementary

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



101.2030, 72.8639, 9.4690



214.7970, -72.8639, -9.4690

# 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.



80.8070, -28.0059, -70.8677



101.2030, 72.8639, 9.4690



97.4710, -48.0532, 12.7419

# Square

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



101.2030, 72.8639, 9.4690



68.7700, -33.9036, 141.3987



73.9620, -36.4633, -64.8647



104.8320, 51.3548, -91.9377



# Rectangle

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



101.2030, 72.8639, 9.4690



86.3370, 16.5959, 137.3935



73.9620, -36.4633, -64.8647



90.4340, 1.2650, -79.3106

# Sweetspot

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



101.2030, 72.8639, 9.4690



209.5700, 22.3970, 3.0081



169.9280, 38.9825, -90.2679



100.5670, 13.5245, 2.1337



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.



101.2030, 72.8639, 9.4690



72.9810, 89.7354, 11.4177



127.5150, 59.8921, 63.5693



114.6780, 5.0887, 1.1594



35.5990, 75.6267, 9.9987



11.4390, 24.4336, 3.1230



# Inverse Universe

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



137.0360, 33.0133, 98.1924



117.2420, 40.7997, 120.8138



188.4850, -59.8921, -63.5693



117.0270, 2.4517, 6.9923



72.6990, 34.1654, 101.9960

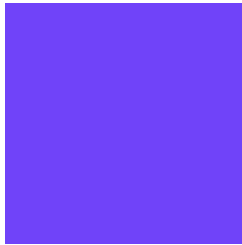


23.4830, 11.1009, 32.9024



# Previews

## White Background



This preview shows how the YUV color 101.2030, 72.8639, 9.4690 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

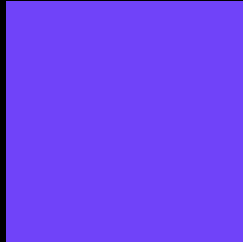
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.2030, 72.8639, 9.4690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

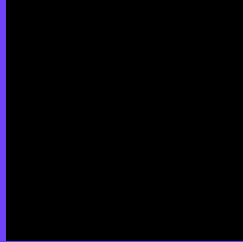
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.2030, 72.8639, 9.4690

## Background



This preview shows how black text looks on a background with the YUV color 101.2030, 72.8639, 9.4690.



This preview shows how white text looks on a background with the YUV color 101.2030, 72.8639, 9.4690.



# 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



### Original Color

101.2030, 72.8639, 9.4690

### Protanopia

83.6830, 64.2463, -73.3900

### Tritanopia

99.5710, 10.5645, -28.5648

# Trichromacy



**Original Color**

101.2030, 72.8639, 9.4690

**Protanomaly**

90.3800, 67.3537, -43.3063

**Tritanomaly**

100.3210, 33.3657, -15.1905

# Monochromacy



**Original Color**

101.2030, 72.8639, 9.4690

**Achromatopsia**

101.0000, 0.0000, 0.0000

**Achromatomaly**

101.3080, 26.4702, 3.2379

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.2030, 72.8639, 9.4690 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(112, 67, 249)` looks like.

```
.text, #text, p{  
    color:rgb(112, 67, 249)  
}
```

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(112, 67, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 67, 249) }
```

## Border

The CSS property to change the border of an element to YUV 101.2030, 72.8639, 9.4690 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(112, 67, 249) }
```

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

```
.border{ border-color:rgb(112, 67, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 67, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 67, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 67, 249);  
box-shadow:4px 4px 4px 4px rgb(112, 67,  
249) }
```



# Background

The CSS property to change the background color of an element to YUV 101.2030, 72.8639, 9.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 67, 249) }
```

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

```
.background{ background-color: rgb(112, 67,  
249) }
```

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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