

Converting Colors

YUV(108.0890, 72.4271, 9.5689)

Have a look what the booklet for
YUV(108.0890, 72.4271, 9.5689)
contains.

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Color

**YUV(108.0890, 72.4271,
9.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	774AFF
RGB	119, 74, 255
RGB Percent	47%, 29%, 100%
CMY	0.5333, 0.7098, 0.0000
CMYK	0.53, 0.71, 0.00, 0.00
HSL	255°, 100%, 65%
HSV	255°, 71%, 100%
XYZ	28.1065, 16.0395, 96.2223
YIQ	108.0890, -31.2810, 65.8310

Conversions

Conversions Part 2

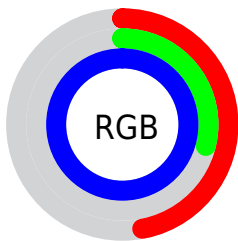
Format	Color
R _Y B	119, 74, 255
Decimal	7817983
CIE Lab	47.03, 61.45, -83.26
CIE LCh	47, 103.481, 306.429
Yxy	16.0395, 0.2002, 0.1143
Android (android.graphics.Color)	4286008063 (0xFF774AFF)
YUV	108.0890, 72.4271, 9.5689
Hunter-Lab	40.0493, 55.1845, -114.4152

Details

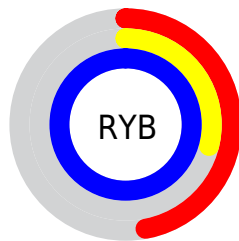
The YUV color **108.0890, 72.4271, 9.5689** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **220.9110, -72.4271, -9.5689**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4500, 48.0922, 21.5304**, and **47.9520, 73.4807, -1.7119** is the 20% darker color. If you saturate the color by 10%, you get **87.7330, 82.4626, 10.7582**, and if you desaturate by 10%, it is **129.0320, 62.1022, 7.8649**.

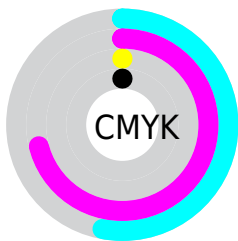
Distribution



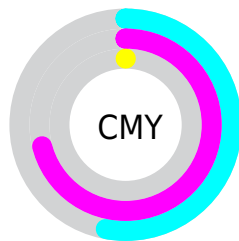
- Red (47%)
- Green (29%)
- Blue (100%)



- Red (47%)
- Yellow (29%)
- Blue (100%)



- Cyan (53%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0890, 72.4271, 9.5689 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 108.0890, 72.4271, 9.5689 by changing the saturation by 10% instead.

■ 108.0890, 72.4271,
9.5689

■ 108.0890, 72.4271,
9.5689

255.0000, 0.0000,
0.0000

■ 79.6540, 72.1486,
5.5654

■ 157.4500, 48.0922,
21.5304

■ 47.9520, 73.4807,
-1.7119

■ 182.5680, 35.7090,
26.6889

■ 19.2660, 73.8189,
-16.8963

■ 208.2730, 23.0364,
31.3326

■ 16.0740, 61.5885,
-14.0969

■ 227.9980, 13.3120,
23.6808

■ 13.1100, 50.2318,
-11.4975

■ 245.0210, 4.9196,
8.7516

■ 15.4290, 36.2705,
-13.5312

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.8670, 8.4466,
-2.5144

■ 108.0890, 72.4271,
9.5689

■ 108.0890, 72.4271,
9.5689

■ 87.7330, 82.4626,
10.7582

■ 129.0320, 62.1022,
7.8649

■ 66.7900, 92.7875,
12.4622

■ 149.3880, 52.0667,
6.6757

■ 47.9070, 102.0968,
13.2366

■ 170.3310, 41.7418,
4.9717

■ 190.9860, 31.5589,
4.3973

■ 211.9290, 21.2340,
2.6933

■ 232.2850, 11.1985,
1.5041

■ 253.2280, 0.8736,
-0.2000

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



108.0890, 72.4271, 9.5689



87.5390, 47.0623, 118.7993

Triad

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



108.0890, 72.4271, 9.5689



101.7100, -50.1430, 76.5533



98.6470, 14.9640, -86.5134

Complementary

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



108.0890, 72.4271, 9.5689



220.9110, -72.4271, -9.5689

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.



85.7140, -26.9740, -75.1712



108.0890, 72.4271, 9.5689



103.3850, -50.9688, 14.5714

Square

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



108.0890, 72.4271, 9.5689



71.3190, -33.1883, 145.3022



77.4840, -38.1996, -67.9535



109.0380, 52.2393, -95.6263

Rectangle

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



108.0890, 72.4271, 9.5689



88.8150, 18.3322, 140.4822



77.4840, -38.1996, -67.9535



94.5260, 1.7127, -82.8993

Sweetspot

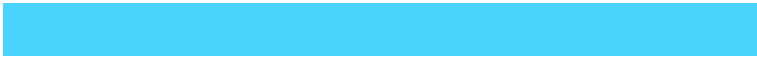
The Sweet Spot groups the original color and five complimentary colors.



108.0890, 72.4271, 9.5689



211.3420, 21.5234, 3.2081



176.2270, 38.8351, -89.6531



102.0400, 12.7983, 1.7189



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.



108.0890, 72.4271, 9.5689



78.8840, 86.8252, 11.5027



134.4010, 59.4553, 63.6693



117.3790, 5.2362, 0.5446



36.1260, 76.3529, 10.4135



12.0800, 25.5966, 3.4378

Inverse Universe

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



143.6230, 32.7239, 97.6776



121.4650, 39.2108, 117.1102



194.5990, -59.4553, -63.6693



119.9130, 2.0149, 7.0923



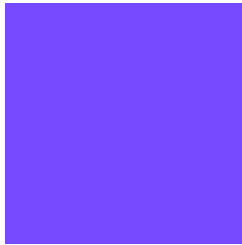
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 108.0890, 72.4271, 9.5689 looks on a white background.

Color Contrast Check

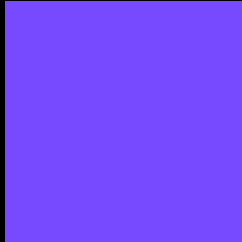
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.0890, 72.4271, 9.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

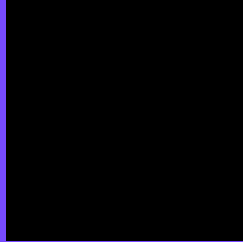
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.0890, 72.4271, 9.5689

Background



This preview shows how black text looks on a background with the YUV color 108.0890, 72.4271, 9.5689.



This preview shows how white text looks on a background with the YUV color 108.0890, 72.4271, 9.5689.

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

108.0890, 72.4271, 9.5689

Protanopia

88.5730, 67.7515, -77.6785

Deuteranopia

89.0340, 51.7482, -78.0828



Tritanopia

106.1800, 10.2643, -25.5909

Trichromacy



Original Color

108.0890, 72.4271, 9.5689

Protanomaly

95.6400, 69.6905, -46.1653

Deuteranomaly

95.5940, 59.3602, -46.1249

Tritanomaly

106.6310, 33.2129, -12.8314

Monochromacy



Original Color

108.0890, 72.4271, 9.5689

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1940, 26.0334, 3.3379

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0890, 72.4271, 9.5689 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(119, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 74, 255)  
}
```

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(119, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 74, 255) }
```

Border

The CSS property to change the border of an element to YUV 108.0890, 72.4271, 9.5689 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(119, 74, 255) }
```


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

```
.border{ border-color:rgb(119, 74, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 74,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 108.0890, 72.4271, 9.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 74, 255) }
```

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

```
.background{ background-color: rgb(119, 74,  
255) }
```

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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