

Converting Colors

YUV(98.4920, 71.2424, 16.2315)

Have a look what the booklet for
YUV(98.4920, 71.2424, 16.2315)
contains.

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Color

**YUV(98.4920, 71.2424,
16.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	753DF3
RGB	117, 61, 243
RGB Percent	46%, 24%, 95%
CMY	0.5412, 0.7608, 0.0471
CMYK	0.52, 0.75, 0.00, 0.05
HSL	258°, 88%, 60%
HSV	258°, 75%, 95%
XYZ	25.1825, 13.5905, 86.0900
YIQ	98.4920, -25.0460, 68.4740

Conversions

Conversions Part 2

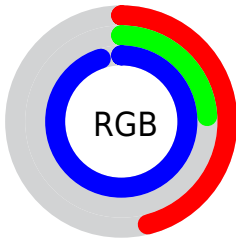
Format	Color
R_{YB}	117, 61, 243
Decimal	7683571
CIE _{Lab}	43.64, 64.07, -82.11
CIE _{LCh}	44, 104.149, 307.964
Yxy	13.5905, 0.2017, 0.1088
Android (android.graphics.Color)	4285873651 (0xFF753DF3)
YUV	98.4920, 71.2424, 16.2315
Hunter-Lab	36.8652, 57.4186, -112.6520

Details

The YUV color **98.4920, 71.2424, 16.2315** 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 **205.5080, -71.2424, -16.2315**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5090, 52.0071, 25.8636**, and **34.8440, 74.0269, 9.7838** is the 20% darker color. If you saturate the color by 10%, you get **79.3210, 80.6937, 18.1355**, and if you desaturate by 10%, it is **117.6630, 61.7911, 14.3275**.

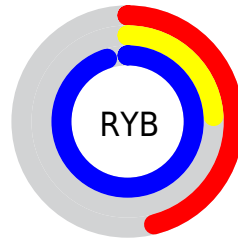
Distribution



Red (46%)

Green (24%)

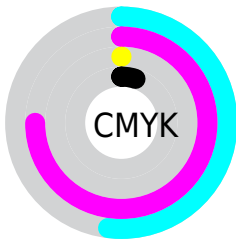
Blue (95%)



Red (46%)

Yellow (24%)

Blue (95%)

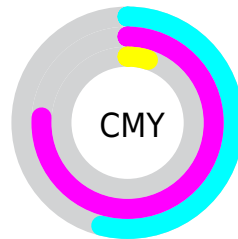


Cyan (52%)

Magenta (75%)

Yellow (0%)

Black (5%)



Cyan (54%)

Magenta (76%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4920, 71.2424, 16.2315 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 98.4920, 71.2424, 16.2315 by changing the saturation by 10% instead.

■ 98.4920, 71.2424,
16.2315

■ 98.4920, 71.2424,
16.2315

255.0000, 0.0000,
0.0000

■ 68.8830, 71.5427,
13.2576

■ 149.5090, 52.0071,
25.8636

■ 34.8440, 74.0269,
9.7838

■ 174.6270, 39.6239,
31.0221

■ 18.0120, 69.0141,
-15.7965

■ 200.3320, 26.9513,
35.6658

■ 14.8200, 56.7837,
-12.9971

■ 220.9540, 16.7847,
29.8583

■ 11.8560, 45.4270,
-10.3977

■ 237.9770, 8.3923,
14.9292

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 98.4920, 71.2424,
16.2315

■ 98.4920, 71.2424,
16.2315

■ 79.3210, 80.6937,
18.1355

■ 117.6630, 61.7911,
14.3275

■ 59.5630, 90.4344,
20.5542

■ 137.4210, 52.0504,
11.9088

■ 50.1270, 95.0864,
21.8136

■ 156.2930, 42.7466,
9.3900

■ 175.4640, 33.2952,
7.4861

■ 194.6350, 23.8439,
5.5821

■ 214.3930, 14.1033,
3.1633

■ 233.5640, 4.6519,
1.2594

■ 252.7350, -4.7994,
-0.6446

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



98.4920, 71.2424, 16.2315



83.9640, 42.4157, 115.7956

Triad

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



98.4920, 71.2424, 16.2315



94.0020, -46.3430, 71.0352



92.9080, 15.8214, -81.4803

Complementary

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



98.4920, 71.2424, 16.2315



205.5080, -71.2424, -16.2315

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.



80.0890, -25.6799, -70.2381



98.4920, 71.2424, 16.2315



95.0900, -46.8794, 9.5681

Square

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



98.4920, 71.2424, 16.2315



66.9760, -33.0192, 137.7100



72.7880, -35.8845, -63.8351



103.1850, 52.6598, -90.4932

Rectangle

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



98.4920, 71.2424, 16.2315



84.6420, 13.9805, 136.2490



72.7880, -35.8845, -63.8351



88.9010, 3.0068, -77.9662

Sweetspot

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



98.4920, 71.2424, 16.2315



210.4670, 21.9548, 4.8524



156.2970, 42.7446, -83.5755



101.1650, 13.2297, 3.3633



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.



98.4920, 71.2424, 16.2315



72.4490, 89.9976, 20.6542



125.4020, 57.9758, 71.5614



112.5640, 4.6519, 1.2594



38.2470, 72.8422, 16.4464



12.1080, 23.1178, 5.1673

Inverse Universe

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



129.7820, 28.2085, 99.2922



111.8960, 35.5473, 125.5022



178.5980, -57.9758, -71.5614



114.6140, 2.1623, 6.4775



70.3200, 28.9292, 101.4514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 98.4920, 71.2424, 16.2315 looks on a white background.

Color Contrast Check

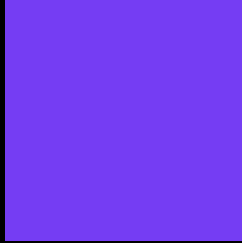
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4920, 71.2424, 16.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

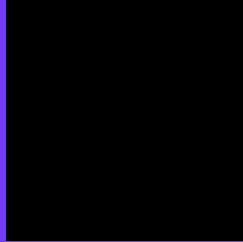
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4920, 71.2424, 16.2315

Background



This preview shows how black text looks on a background with the YUV color 98.4920, 71.2424, 16.2315.



This preview shows how white text looks on a background with the YUV color 98.4920, 71.2424,

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

98.4920, 71.2424, 16.2315

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.6280, 47.5114, -72.4648



Tritanopia

99.3550, 8.2060, -18.7283

Trichromacy



Original Color

98.4920, 71.2424, 16.2315

Protanomaly

87.9460, 65.5956, -39.4176

Deuteranomaly

88.7150, 55.8495, -40.0921

Tritanomaly

98.8060, 31.1546, -5.9689

Monochromacy



Original Color

98.4920, 71.2424, 16.2315

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.5040, 25.8805, 5.6970

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4920, 71.2424, 16.2315 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(117, 61, 243)` looks like.

```
.text, #text, p{  
    color:rgb(117, 61, 243)  
}
```

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(117, 61, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 61, 243) }
```

Border

The CSS property to change the border of an element to YUV 98.4920, 71.2424, 16.2315 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(117, 61, 243) }
```


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

```
.border{ border-color:rgb(117, 61, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 61, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 61, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 61, 243);  
box-shadow:4px 4px 4px 4px rgb(117, 61,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 98.4920, 71.2424, 16.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 61, 243) }
```

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

```
.background{ background-color: rgb(117, 61,  
243) }
```

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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