

Converting Colors

YUV(98.0880, 77.3576, 14.8318)

Have a look what the booklet for
YUV(98.0880, 77.3576, 14.8318)
contains.

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Color

**YUV(98.0880, 77.3576,
14.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	733BFF
RGB	115, 59, 255
RGB Percent	45%, 23%, 100%
CMY	0.5490, 0.7686, 0.0000
CMYK	0.55, 0.77, 0.00, 0.00
HSL	257°, 100%, 62%
HSV	257°, 77%, 100%
XYZ	26.6842, 13.9928, 95.9022
YIQ	98.0880, -29.5400, 72.8280

Conversions

Conversions Part 2

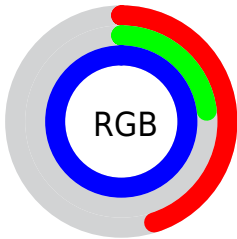
Format	Color
R _{YB}	115, 59, 255
Decimal	7551999
CIE _{Lab}	44.22, 67.82, -87.88
CIE _{LCh}	44, 111.006, 307.657
Yxy	13.9928, 0.1954, 0.1025
Android (android.graphics.Color)	4285742079 (0xFF733BFF)
YUV	98.0880, 77.3576, 14.8318
Hunter-Lab	37.4069, 61.8708, -125.8203

Details

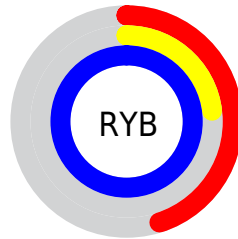
The YUV color **98.0880, 77.3576, 14.8318** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **215.9120, -77.3576, -14.8318**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9220, 52.2965, 26.3784**, and **33.2220, 80.7426, 2.4363** is the 20% darker color. If you saturate the color by 10%, you get **77.4440, 87.5351, 17.1506**, and if you desaturate by 10%, it is **118.7320, 67.1801, 12.5130**.

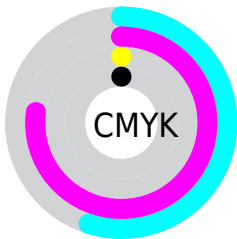
Distribution



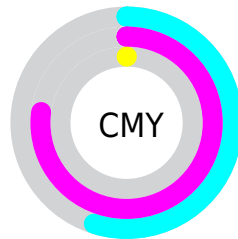
- Red (45%)
- Green (23%)
- Blue (100%)



- Red (45%)
- Yellow (23%)
- Blue (100%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0880, 77.3576, 14.8318 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 98.0880, 77.3576, 14.8318 by changing the saturation by 10% instead.

■ 98.0880, 77.3576,
14.8318

■ 98.0880, 77.3576,
14.8318

255.0000, 0.0000,
0.0000

■ 67.2940, 78.2421,
11.1432

■ 148.9220, 52.2965,
26.3784

■ 33.2220, 80.7426,
2.4363

■ 174.0400, 39.9133,
31.5369

■ 19.2660, 73.8189,
-16.8963

■ 199.7450, 27.2407,
36.1806

■ 16.0740, 61.5885,
-14.0969

■ 220.3670, 17.0741,
30.3731

■ 12.9960, 49.7950,
-11.3975

■ 237.3900, 8.6817,
15.4440

■ 17.7770, 35.1129,
-15.5904

254.4130, 0.2894,

■ 11.4050, 25.9293,

0.5148

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 98.0880, 77.3576,
14.8318

■ 98.0880, 77.3576,
14.8318

■ 77.4440, 87.5351,
17.1506

■ 118.7320, 67.1801,
12.5130

■ 57.3870, 97.4232,
18.9546

■ 138.7890, 57.2920,
10.7090

■ 50.8970, 100.6228,
19.3843

■ 159.7320, 46.9671,
9.0050

■ 179.7890, 37.0790,
7.2010

■ 200.4330, 26.9015,
4.8823

■ 220.4900, 17.0134,
3.0783

■ 241.4330, 6.6885,
1.3743

■ 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.



95.4010, 78.6823, -83.6667



98.0880, 77.3576, 14.8318



87.1540, 44.2941, 120.0139

Triad

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



98.0880, 77.3576, 14.8318



94.6220, -46.6486, 75.7535



94.3100, 16.1162, -82.7099

Complementary

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



98.0880, 77.3576, 14.8318



215.9120, -77.3576, -14.8318

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.



80.3510, -29.7530, -70.4678



98.0880, 77.3576, 14.8318



95.9760, -47.3162, 9.6680

Square

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



98.0880, 77.3576, 14.8318



69.6670, -34.3458, 143.2430



74.5490, -36.7527, -65.3795



105.8580, 55.2860, -92.8375

Rectangle

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



98.0880, 77.3576, 14.8318



87.9740, 13.8168, 142.0968



74.5490, -36.7527, -65.3795



90.0750, 2.4280, -78.9958

Sweetspot

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



98.0880, 77.3576, 14.8318



207.8090, 23.2652, 4.5525



163.5240, 45.0977, -91.6675



99.0940, 14.2507, 2.5486



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.



98.0880, 77.3576, 14.8318



66.8230, 92.7713, 17.6952



127.3900, 62.9117, 75.0800



117.3790, 5.2362, 0.5446



38.2190, 75.3210, 14.7169



12.6780, 25.3017, 4.6674

Inverse Universe

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



133.5640, 32.2599, 106.4994



109.4170, 38.7414, 127.6763



186.6100, -62.9117, -75.0800



119.9130, 2.0149, 7.0923



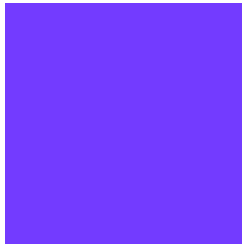
72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 98.0880, 77.3576, 14.8318 looks on a white background.

Color Contrast Check

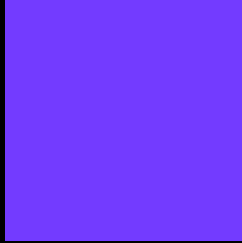
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0880, 77.3576, 14.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

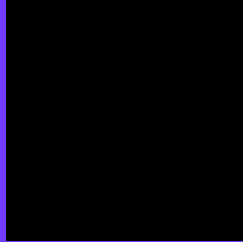
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0880, 77.3576, 14.8318

Background



This preview shows how black text looks on a background with the YUV color 98.0880, 77.3576, 14.8318.



This preview shows how white text looks on a background with the YUV color 98.0880, 77.3576,

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

98.0880, 77.3576, 14.8318

Protanopia

82.7540, 63.2253, -72.5753

Deuteranopia

83.4430, 48.0956, -73.1795



Tritanopia

99.1690, 10.2697, -27.3352

Trichromacy



Original Color

98.0880, 77.3576, 14.8318



Protanomaly

88.3310, 68.3638, -40.6323



Deuteranomaly

89.1000, 58.6177, -41.3067



Tritanomaly

98.6850, 34.6653, -12.0017

Monochromacy



Original Color

98.0880, 77.3576, 14.8318



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.0740, 28.0645, 5.1971

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0880, 77.3576, 14.8318 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(115, 59, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 59, 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(115, 59, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 59, 255) }
```

Border

The CSS property to change the border of an element to YUV 98.0880, 77.3576, 14.8318 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(115, 59, 255) }
```


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

```
.border{ border-color:rgb(115, 59, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 59, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 59, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 59, 255); box-shadow:4px 4px 4px 4px rgb(115, 59, 255) }
```

Background

The CSS property to change the background color of an element to YUV 98.0880, 77.3576, 14.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 59, 255) }
```

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

```
.background{ background-color: rgb(115, 59,  
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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