

Converting Colors

YUV(97.7460, 76.0472, 15.1318)

Have a look what the booklet for
YUV(97.7460, 76.0472, 15.1318)
contains.

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Color

**YUV(97.7460, 76.0472,
15.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	733BFC
RGB	115, 59, 252
RGB Percent	45%, 23%, 99%
CMY	0.5490, 0.7686, 0.0118
CMYK	0.54, 0.77, 0.00, 0.01
HSL	257°, 97%, 61%
HSV	257°, 77%, 99%
XYZ	26.2049, 13.8010, 93.3782
YIQ	97.7460, -28.5770, 71.8950

Conversions

Conversions Part 2

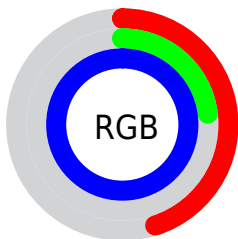
Format	Color
R_{YB}	115, 59, 252
Decimal	7551996
CIE _{Lab}	43.95, 67.04, -86.66
CIE _{LCh}	44, 109.563, 307.724
Yxy	13.8010, 0.1965, 0.1035
Android (android.graphics.Color)	4285742076 (0xFF733BFC)
YUV	97.7460, 76.0472, 15.1318
Hunter-Lab	37.1498, 60.8992, -123.0242

Details

The YUV color $97.7460, 76.0472, 15.1318$ 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 $213.2540, -76.0472, -15.1318$, and the grayscale version is $97.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $148.6230, 52.4439, 25.7636$, and $33.4780, 79.1373, 3.9658$ is the 20% darker color. If you saturate the color by 10%, you get $77.6890, 85.9353, 16.9357$, and if you desaturate by 10%, it is $117.8030, 66.1591, 13.3278$.

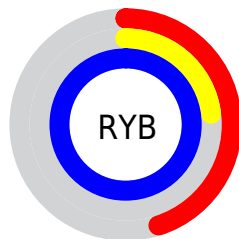
Distribution



Red (45%)

Green (23%)

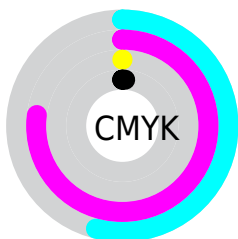
Blue (99%)



Red (45%)

Yellow (23%)

Blue (99%)

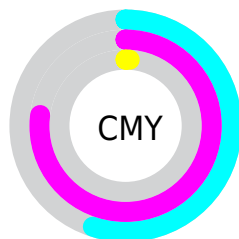


Cyan (54%)

Magenta (77%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (77%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7460, 76.0472, 15.1318 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 97.7460, 76.0472, 15.1318 by changing the saturation by 10% instead.

97.7460, 76.0472,
15.1318

97.7460, 76.0472,
15.1318

255.0000, 0.0000,
0.0000

67.2510, 76.7843,
12.0579

148.6230, 52.4439,
25.7636

33.4780, 79.1373,
3.9658

174.0400, 39.9133,
31.5369

18.9240, 72.5085,
-16.5963

199.1580, 27.5301,
36.6954

15.7320, 60.2781,
-13.7970

220.3670, 17.0741,
30.3731

12.7680, 48.9214,
-11.1975

236.8030, 8.9711,
15.9588

16.8480, 34.0919,
-14.7757

254.4130, 0.2894,

10.5900, 25.3451,

0.5148

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 97.7460, 76.0472,
15.1318

■ 97.7460, 76.0472,
15.1318

■ 77.6890, 85.9353,
16.9357

■ 117.8030, 66.1591,
13.3278

■ 57.6320, 95.8234,
18.7397

■ 137.8600, 56.2710,
11.5238

■ 50.5550, 99.3124,
19.6843

■ 158.5040, 46.0935,
9.2050

■ 178.5610, 36.2054,
7.4010

■ 198.3190, 26.4647,
4.9822

■ 218.3760, 16.5766,
3.1782

■ 238.4330, 6.6885,
1.3743

■ 254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



97.7460, 76.0472, 15.1318



86.3280, 43.7153, 118.9843

Triad

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



97.7460, 76.0472, 15.1318



94.0240, -46.3538, 74.5240



93.6090, 15.9688, -82.0951

Complementary

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



97.7460, 76.0472, 15.1318



213.2540, -76.0472, -15.1318

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.



79.8780, -29.0269, -70.0530



97.7460, 76.0472, 15.1318



95.6770, -47.1688, 9.0533

Square

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



97.7460, 76.0472, 15.1318



69.0690, -34.0510, 142.0135



73.9620, -36.4633, -64.8647



105.0430, 54.7018, -92.1227

Rectangle

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



97.7460, 76.0472, 15.1318



86.9630, 13.8222, 140.3524



73.9620, -36.4633, -64.8647



89.3740, 2.2806, -78.3810

Sweetspot

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



97.7460, 76.0472, 15.1318



207.8090, 23.2652, 4.5525



162.0080, 44.3661, -90.3380



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.



97.7460, 76.0472, 15.1318



67.1220, 92.6239, 18.3100



126.1510, 62.0436, 73.5356



114.6780, 5.0887, 1.1594



37.9910, 74.4474, 14.9169



12.3360, 23.9914, 4.9673

Inverse Universe

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



132.3250, 31.3918, 104.9550



109.3030, 38.3046, 127.7763



184.8490, -62.0436, -73.5356



116.9130, 2.0149, 7.0923



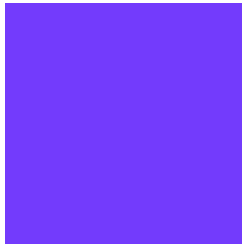
71.7870, 30.6710, 102.7958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 97.7460, 76.0472, 15.1318 looks on a white background.

Color Contrast Check

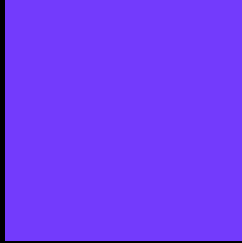
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.7460, 76.0472, 15.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

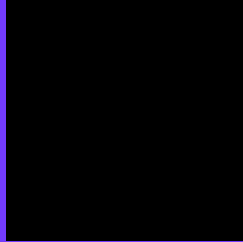
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7460, 76.0472, 15.1318

Background



This preview shows how black text looks on a background with the YUV color 97.7460, 76.0472, 15.1318.



This preview shows how white text looks on a background with the YUV color 97.7460, 76.0472,

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

97.7460, 76.0472, 15.1318

Protanopia

82.6400, 62.7885, -72.4753

Deuteranopia

82.7420, 47.9482, -72.5647



Tritanopia

98.6530, 9.5381, -26.0057

Trichromacy



Original Color

97.7460, 76.0472, 15.1318

Protanomaly

88.1030, 67.4902, -40.4323

Deuteranomaly

88.2850, 58.0335, -40.5919

Tritanomaly

98.1690, 33.9337, -10.6722

Monochromacy



Original Color

97.7460, 76.0472, 15.1318

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9600, 27.6277, 5.2971

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7460, 76.0472, 15.1318 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(115, 59, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 59, 252) }
```

Border

The CSS property to change the border of an element to YUV 97.7460, 76.0472, 15.1318 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, 252) }
```


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

```
.border{ border-color:rgb(115, 59, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 59, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 59, 252);  
box-shadow:4px 4px 4px 4px rgb(115, 59,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 97.7460, 76.0472, 15.1318 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, 252) }
```

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

```
.background{ background-color: rgb(115, 59,  
252) }
```

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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