

Converting Colors

YUV(102.5520, 70.2269,
15.3019)

Have a look what the booklet for
YUV(102.5520, 70.2269, 15.3019)
contains.

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Color

**YUV(102.5520, 70.2269,
15.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	7842F5
RGB	120, 66, 245
RGB Percent	47%, 26%, 96%
CMY	0.5294, 0.7412, 0.0392
CMYK	0.51, 0.73, 0.00, 0.04
HSL	258°, 90%, 61%
HSV	258°, 73%, 96%
XYZ	26.1754, 14.4821, 87.8019
YIQ	102.5520, -25.2750, 67.1170

Conversions

Conversions Part 2

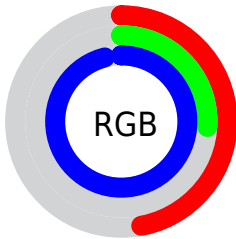
Format	Color
R _{YB}	120, 66, 245
Decimal	7881461
CIE _{Lab}	44.92, 62.73, -81.13
CIE _{LCh}	45, 102.553, 307.713
Y _{xy}	14.4821, 0.2038, 0.1127
Android (android.graphics.Color)	4286071541 (0xFF7842F5)
YUV	102.5520, 70.2269, 15.3019
Hunter-Lab	38.0553, 56.1798, -110.1563

Details

The YUV color **102.5520, 70.2269, 15.3019** 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 **208.4480, -70.2269, -15.3019**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3410, 50.1179, 25.1339**, and **38.9150, 73.0059, 10.5985** is the 20% darker color. If you saturate the color by 10%, you get **83.3810, 79.6782, 17.2059**, and if you desaturate by 10%, it is **122.3100, 60.4862, 12.8831**.

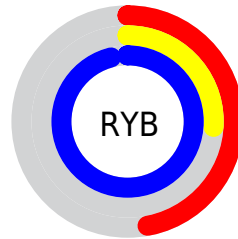
Distribution



Red (47%)

Green (26%)

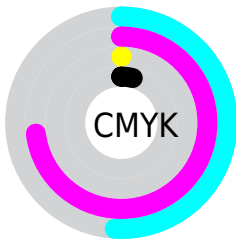
Blue (96%)



Red (47%)

Yellow (26%)

Blue (96%)

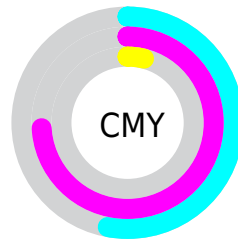


Cyan (51%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (74%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5520, 70.2269, 15.3019 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 102.5520, 70.2269, 15.3019 by changing the saturation by 10% instead.

■ 102.5520, 70.2269,
15.3019

■ 102.5520, 70.2269,
15.3019

255.0000, 0.0000,
0.0000

■ 73.8290, 70.0903,
12.4280

■ 153.3410, 50.1179,
25.1339

■ 38.9150, 73.0059,
10.5985

■ 178.1600, 37.8821,
29.6777

■ 18.1260, 69.4509,
-15.8965

■ 203.2780, 25.4989,
34.8362

■ 15.0480, 57.6573,
-13.1971

■ 223.8890, 15.3377,
27.2843

■ 12.0840, 46.3006,
-10.5977

■ 240.3250, 7.2348,
12.8700

■ 15.6910, 32.1973,
-13.7610

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 102.5520, 70.2269,
15.3019

■ 102.5520, 70.2269,
15.3019

■ 83.3810, 79.6782,
17.2059

■ 122.3100, 60.4862,
12.8831

■ 63.6230, 89.4189,
19.6246

■ 141.4810, 51.0349,
10.9792

■ 50.0560, 96.1074,
20.9989

■ 161.2390, 41.2942,
8.5604

■ 180.4100, 31.8429,
6.6564

■ 200.4670, 21.9548,
4.8524

■ 219.6380, 12.5035,
2.9485

■ 239.3960, 2.7628,
0.5297

■ 253.8600, -4.3680,
0.9998

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



102.5520, 70.2269, 15.3019



84.9040, 43.4313, 116.7252

Triad

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



102.5520, 70.2269, 15.3019



97.5460, -48.0902, 71.4352



94.8970, 15.8268, -83.2247

Complementary

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



102.5520, 70.2269, 15.3019



208.4480, -70.2269, -15.3019

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.



82.1920, -25.2377, -72.0824



102.5520, 70.2269, 15.3019



98.0470, -48.3372, 10.4828

Square

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



102.5520, 70.2269, 15.3019



68.1720, -33.6088, 140.1692



74.5490, -36.7527, -65.3795



105.0600, 52.2284, -92.1376

Rectangle

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



102.5520, 70.2269, 15.3019



85.6960, 15.4329, 137.0786



74.5490, -36.7527, -65.3795



90.8900, 3.0122, -79.7105

Sweetspot

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



102.5520, 70.2269, 15.3019



210.4670, 21.9548, 4.8524



159.7810, 42.0130, -82.2459



100.8660, 13.3771, 2.7485



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.



102.5520, 70.2269, 15.3019



76.5690, 87.9665, 18.7950



129.1630, 57.1076, 70.0170



112.5640, 4.6519, 1.2594



37.9480, 72.9896, 15.8316



12.1080, 23.1178, 5.1673

Inverse Universe

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



133.7710, 28.2139, 97.5478



115.7600, 35.1213, 122.1135



181.8370, -57.1076, -70.0170



114.6140, 2.1623, 6.4775



70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 102.5520, 70.2269, 15.3019 looks on a white background.

Color Contrast Check

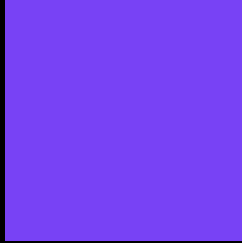
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5520, 70.2269, 15.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

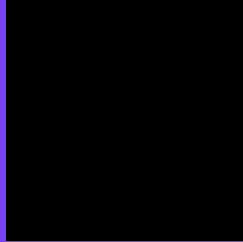
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5520, 70.2269, 15.3019

Background



This preview shows how black text looks on a background with the YUV color 102.5520, 70.2269, 15.3019.



This preview shows how white text looks on a background with the YUV color 102.5520, 70.2269,

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

102.5520, 70.2269, 15.3019

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

85.0730, 49.2640, -74.6090



Tritanopia

102.6540, 8.0586, -18.1136

Trichromacy



Original Color

102.5520, 70.2269, 15.3019

Protanomaly

91.1630, 66.4746, -41.3620

Deuteranomaly

91.3450, 57.0179, -41.5216

Tritanomaly

102.6920, 30.7178, -5.8689

Monochromacy



Original Color

102.5520, 70.2269, 15.3019

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0910, 25.5911, 5.1822

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5520, 70.2269, 15.3019 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(120, 66, 245)` looks like.

```
.text, #text, p{  
    color:rgb(120, 66, 245)  
}
```

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(120, 66, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 66, 245) }
```

Border

The CSS property to change the border of an element to YUV 102.5520, 70.2269, 15.3019 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(120, 66, 245) }
```


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

```
.border{ border-color:rgb(120, 66, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 66, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 66, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 66, 245);  
box-shadow:4px 4px 4px 4px rgb(120, 66,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 102.5520, 70.2269, 15.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 66, 245) }
```

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

```
.background{ background-color: rgb(120, 66,  
245) }
```

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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