

Converting Colors

YUV(122.8680, 43.9421,
-0.7612)

Have a look what the booklet for
YUV(122.8680, 43.9421, -0.7612)
contains.

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Color

**YUV(122.8680, 43.9421,
-0.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6AD4
RGB	122, 106, 212
RGB Percent	48%, 42%, 83%
CMY	0.5216, 0.5843, 0.1686
CMYK	0.42, 0.50, 0.00, 0.17
HSL	249°, 55%, 62%
HSV	249°, 50%, 83%
XYZ	25.0637, 19.1991, 64.6722
YIQ	122.8680, -24.4900, 36.3580

Conversions

Conversions Part 2

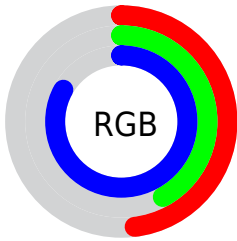
Format	Color
RYB	122, 106, 212
Decimal	8022740
CIELab	50.92, 32.19, -52.74
CIELCh	51, 61.786, 301.394
Yxy	19.1991, 0.2301, 0.1762
Android (android.graphics.Color)	4286212820 (0xFF7A6AD4)
YUV	122.8680, 43.9421, -0.7612
Hunter-Lab	43.8168, 25.4248, -56.8384

Details

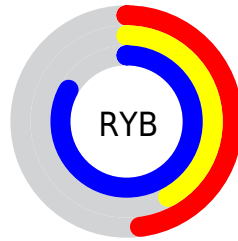
The YUV color **122.8680, 43.9421, -0.7612** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **195.1320, -43.9421, 0.7612**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3370, 39.2739, 3.2125**, and **71.6780, 42.0637, -4.9796** is the 20% darker color. If you saturate the color by 10%, you get **105.1590, 52.6726, -1.0164**, and if you desaturate by 10%, it is **140.5770, 35.2115, -0.5060**.

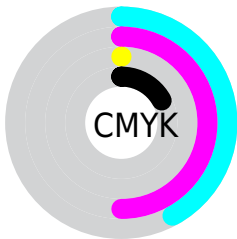
Distribution



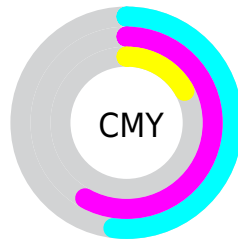
- Red (48%)
- Green (42%)
- Blue (83%)



- Red (48%)
- Yellow (42%)
- Blue (83%)



- Cyan (42%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)



- Cyan (52%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8680, 43.9421, -0.7612 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 122.8680, 43.9421, -0.7612 by changing the saturation by 10% instead.

■ 122.8680, 43.9421,
-0.7612

■ 122.8680, 43.9421,
-0.7612

255.0000, 0.0000,
0.0000

■ 97.2160, 42.7845,
-2.8204

■ 175.3370, 39.2739,
3.2125

■ 71.6780, 42.0637,
-4.9796

■ 199.5580, 27.3329,
6.5266

■ 46.1180, 41.3538,
-10.6275

■ 224.3770, 15.0971,
11.0704

■ 20.6610, 41.0861,
-18.1197

■ 246.7820, 4.0515,
7.2072

■ 9.1200, 34.9438,
-7.9982

■ 9.3190, 23.0137,
-8.1728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 122.8680, 43.9421,
-0.7612

■ 122.8680, 43.9421,
-0.7612

■ 105.1590, 52.6726,
-1.0164

■ 140.5770, 35.2115,
-0.5060

■ 87.4500, 61.4032,
-1.2716

■ 158.2860, 26.4810,
-0.2508

■ 69.1540, 70.4231,
-1.0121

■ 176.5820, 17.4611,
-0.5104

■ 51.4450, 79.1536,
-1.2673

■ 194.2910, 8.7305,
-0.2552

■ 33.7360, 87.8842,
-1.5225

■ 212.0000, 0.0000,
0.0000

■ 229.7090, -8.7305,
0.2552

■ 247.4180,
-17.4611, 0.5104

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



100.4270, 62.4005, -88.0745



122.8680, 43.9421, -0.7612



122.2960, 24.9971, 55.8684

Triad

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



122.8680, 43.9421, -0.7612



115.5230, -46.5998, 60.0543



99.0230, 11.3277, -86.8432

Complementary

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



122.8680, 43.9421, -0.7612



195.1320, -43.9421, 0.7612

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.



91.1060, -11.3913, -79.9000



122.8680, 43.9421, -0.7612



113.1970, -55.8061, 26.1372

Square

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



122.8680, 43.9421, -0.7612



114.7950, -22.0839, 83.4948



106.8220, -47.2402, -14.7529



105.0650, 34.4780, -92.1420

Rectangle

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



122.8680, 43.9421, -0.7612



117.0680, 10.8125, 78.8704



106.8220, -47.2402, -14.7529



96.3840, 3.7547, -84.5288

Sweetspot

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



122.8680, 43.9421, -0.7612



223.1260, 15.7139, -0.1105



170.9140, 20.2554, -56.9296



108.5190, 9.6041, -0.4552



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.



122.8680, 43.9421, -0.7612



126.3190, 63.4397, -1.1568



138.7150, 36.1295, 31.8219



97.8520, 4.5100, 0.1298



27.2680, 70.8599, -1.1120



6.9950, 17.7505, 0.0044

Inverse Universe

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



147.9540, 23.6867, 56.1683



162.5670, 34.2305, 81.0637



179.2850, -36.1295, -31.8219



100.3150, 2.3097, 5.8627



67.6590, 38.1291, 90.6301



17.0750, 9.8230, 22.7362

Previews

White Background



This preview shows how the YUV color 122.8680, 43.9421, -0.7612 looks on a white background.

Color Contrast Check

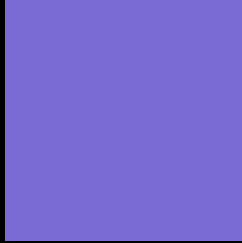
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.8680, 43.9421, -0.7612 looks on a black 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

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

YUV 122.8680, 43.9421, -0.7612

Background



This preview shows how black text looks on a background with the YUV color 122.8680, 43.9421, -0.7612.



This preview shows how white text looks on a background with the YUV color 122.8680, 43.9421, -0.7612.

-0.7612.

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

122.8680, 43.9421, -0.7612

Protanopia

114.8350, 53.8183, -41.9513

Deuteranopia

111.4720, 47.5883, -50.4029



Tritanopia

119.5620, 7.6109, -14.5249

Trichromacy



Original Color

122.8680, 43.9421, -0.7612

Protanomaly

118.0110, 50.2806, -27.1966

Deuteranomaly

115.5390, 46.0763, -32.0447

Tritanomaly

120.7380, 20.8352, -9.4172

Monochromacy



Original Color

122.8680, 43.9421, -0.7612

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1260, 15.7139, -0.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8680, 43.9421, -0.7612 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(122, 106, 212)` looks like.

```
.text, #text, p{  
    color:rgb(122, 106, 212)  
}
```

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(122, 106, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 106, 212) }
```

Border

The CSS property to change the border of an element to YUV 122.8680, 43.9421, -0.7612 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(122, 106, 212) }
```


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

```
.border{ border-color:rgb(122, 106, 212) }
```

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

Here you see how a box with a 4 pixel rgb(122, 106, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 106, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 106, 212);  
box-shadow:4px 4px 4px 4px rgb(122, 106,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 122.8680, 43.9421, -0.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 106, 212) }
```

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

```
.background{ background-color: rgb(122,  
106, 212) }
```

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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