

Converting Colors

YUV(122.6940, 44.5209, 0.2684)

Have a look what the booklet for
YUV(122.6940, 44.5209, 0.2684)
contains.

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Color

**YUV(122.6940, 44.5209,
0.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	7B69D5
RGB	123, 105, 213
RGB Percent	48%, 41%, 84%
CMY	0.5176, 0.5882, 0.1647
CMYK	0.42, 0.51, 0.00, 0.16
HSL	250°, 56%, 62%
HSV	250°, 51%, 84%
XYZ	25.2302, 19.1182, 65.3112
YIQ	122.6940, -23.9400, 37.4040

Conversions

Conversions Part 2

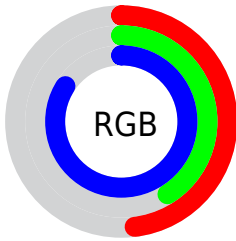
Format	Color
RYB	123, 105, 213
Decimal	8088021
CIELab	50.83, 33.30, -53.45
CIELCh	51, 62.978, 301.921
Yxy	19.1182, 0.2301, 0.1743
Android (android.graphics.Color)	4286278101 (0xFF7B69D5)
YUV	122.6940, 44.5209, 0.2684
Hunter-Lab	43.7244, 26.4819, -57.9546

Details

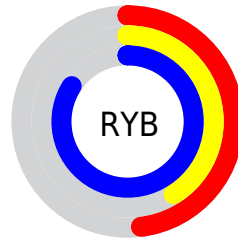
The YUV color $122.6940, 44.5209, 0.2684$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $195.3060, -44.5209, -0.2684$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.0490, 39.4158, 4.3420$, and $71.2050, 42.7899, -4.5648$ is the 20% darker color. If you saturate the color by 10%, you get $104.9850, 53.2514, 0.0132$, and if you desaturate by 10%, it is $140.4030, 35.7903, 0.5236$.

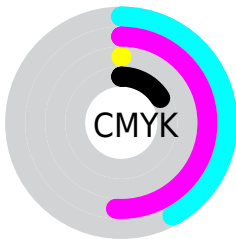
Distribution



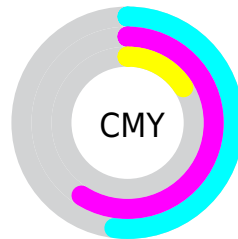
- Red (48%)
- Green (41%)
- Blue (84%)



- Red (48%)
- Yellow (41%)
- Blue (84%)



- Cyan (42%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6940, 44.5209, 0.2684 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 122.6940, 44.5209, 0.2684 by changing the saturation by 10% instead.

■ 122.6940, 44.5209,
0.2684

■ 122.6940, 44.5209,
0.2684

■ 255.0000, 0.0000,
0.0000

■ 97.0420, 43.3633,
-1.7908

■ 175.0490, 39.4158,
4.3420

■ 71.2050, 42.7899,
-4.5648

■ 199.5690, 27.3275,
8.2710

■ 45.9440, 41.9326,
-9.5979

■ 224.0890, 15.2391,
12.1999

■ 20.1880, 41.8123,
-17.7049

■ 246.1950, 4.3409,
7.7220

■ 9.1200, 34.9438,
-7.9982

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 122.6940, 44.5209,
0.2684

■ 122.6940, 44.5209,
0.2684

■ 104.9850, 53.2514,
0.0132

■ 140.4030, 35.7903,
0.5236

■ 86.9880, 62.1239,
0.8875

■ 158.6990, 26.7704,
0.2640

■ 69.2790, 70.8545,
0.6323

■ 176.1090, 18.1873,
-0.0956

■ 51.5700, 79.5850,
0.3771

■ 193.8180, 9.4567,
0.1596

■ 35.0460, 87.7313,
0.8367

■ 212.1140, 0.4368,
-0.1000

■ 229.8230, -8.2937,
0.1552

■ 247.2330,
-16.8769, -0.2043

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



100.6550, 63.2741, -88.2744



122.6940, 44.5209, 0.2684



121.4210, 25.4284, 57.5128

Triad

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



122.6940, 44.5209, 0.2684



114.9530, -48.7838, 60.5542



99.1370, 11.7645, -86.9431

Complementary

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



122.6940, 44.5209, 0.2684



195.3060, -44.5209, -0.2684

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.



90.9920, -11.8281, -79.8000



122.6940, 44.5209, 0.2684



112.8980, -55.6587, 25.5225

Square

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



122.6940, 44.5209, 0.2684



114.1650, -23.2523, 84.9243



105.6540, -49.1294, -15.4826



105.2930, 35.3516, -92.3420

Rectangle

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



122.6940, 44.5209, 0.2684



116.3780, 10.6596, 81.2295



105.6540, -49.1294, -15.4826



96.3840, 3.7547, -84.5288

Sweetspot

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



122.6940, 44.5209, 0.2684



223.1260, 15.7139, -0.1105



170.1420, 21.1290, -57.1295



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.



122.6940, 44.5209, 0.2684



124.5580, 64.3079, 0.3876



138.8400, 36.5609, 33.4663



97.8520, 4.5100, 0.1298



27.8660, 70.5651, 0.1175



6.9950, 17.7505, 0.0044

Inverse Universe

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



147.5520, 23.3919, 57.3979



160.4640, 33.7882, 82.9081



179.1600, -36.5609, -33.4663



100.3150, 2.3097, 5.8627



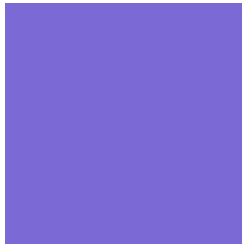
67.3170, 36.8187, 90.9300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 122.6940, 44.5209, 0.2684 looks on a white background.

Color Contrast Check

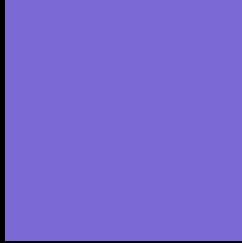
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6940, 44.5209, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

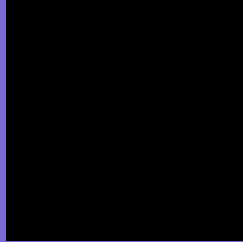
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.6940, 44.5209, 0.2684

Background



This preview shows how black text looks on a background with the YUV color 122.6940, 44.5209, 0.2684.



This preview shows how white text looks on a background with the YUV color 122.6940, 44.5209,

0.2684.

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

122.6940, 44.5209, 0.2684

Protanopia

113.4650, 54.9868, -43.3808

Deuteranopia

110.6890, 48.4673, -52.3473



Tritanopia

118.8610, 7.4635, -13.9101

Trichromacy



Original Color

122.6940, 44.5209, 0.2684

Protanomaly

116.9400, 51.3016, -28.0114

Deuteranomaly

115.0550, 46.8079, -33.3742

Tritanomaly

120.1510, 21.1246, -8.9024

Monochromacy



Original Color

122.6940, 44.5209, 0.2684

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6530, 16.4401, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6940, 44.5209, 0.2684 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(123, 105, 213)` looks like.

```
.text, #text, p{  
    color:rgb(123, 105, 213)  
}
```

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(123, 105, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 105, 213) }
```

Border

The CSS property to change the border of an element to YUV 122.6940, 44.5209, 0.2684 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(123, 105, 213) }
```


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

```
.border{ border-color:rgb(123, 105, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 105, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 105, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 105, 213);  
box-shadow:4px 4px 4px 4px rgb(123, 105,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 122.6940, 44.5209, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 105, 213) }
```

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

```
.background{ background-color: rgb(123,  
105, 213) }
```

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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