

Converting Colors

YUV(122.6020, 40.6222,
-9.2980)

Have a look what the booklet for
YUV(122.6020, 40.6222, -9.2980)
contains.

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Color

**YUV(122.6020, 40.6222,
-9.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	7070CD
RGB	112, 112, 205
RGB Percent	44%, 44%, 80%
CMY	0.5608, 0.5608, 0.1961
CMYK	0.45, 0.45, 0.00, 0.20
HSL	240°, 48%, 62%
HSV	240°, 45%, 80%
XYZ	23.4957, 19.4409, 60.2717
YIQ	122.6020, -29.8530, 28.9230

Conversions

Conversions Part 2

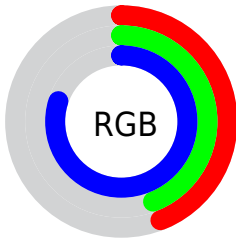
Format	Color
R _Y B	112, 112, 205
Decimal	7368909
CIE Lab	51.20, 24.15, -48.36
CIE LCh	51, 54.050, 296.538
Yxy	19.4409, 0.2277, 0.1884
Android (android.graphics.Color)	4285558989 (0xFF7070CD)
YUV	122.6020, 40.6222, -9.2980
Hunter-Lab	44.0918, 17.9587, -50.1828

Details

The YUV color $122.6020, 40.6222, -9.2980$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $194.3980, -40.6222, 9.2980$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.5700, 39.1590, -6.6389$, and $71.1130, 38.8913, -14.1311$ is the 20% darker color. If you saturate the color by 10%, you get $104.8820, 49.3582, -11.2975$, and if you desaturate by 10%, it is $140.3220, 31.8863, -7.2984$.

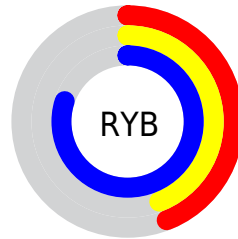
Distribution



Red (44%)

Green (44%)

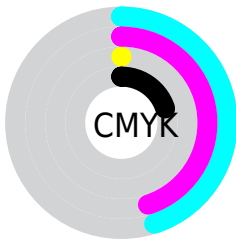
Blue (80%)



Red (44%)

Yellow (44%)

Blue (80%)

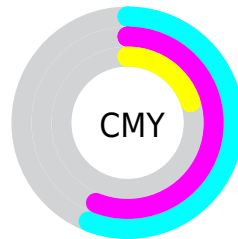


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6020, 40.6222, -9.2980 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 122.6020, 40.6222, -9.2980 by changing the saturation by 10% instead.

■ 122.6020, 40.6222,
-9.2980

■ 122.6020, 40.6222,
-9.2980

■ 255.0000, 0.0000,
0.0000

■ 96.9500, 39.4647,
-11.3571

■ 175.5700, 39.1590,
-6.6389

■ 71.1130, 38.8913,
-14.1311

■ 200.0900, 27.0706,
-2.7099

■ 45.0690, 38.9130,
-21.1085

■ 225.1970, 14.6929,
0.7042

■ 24.0860, 36.4396,
-21.1234

■ 250.3040, 2.3151,
4.1184

■ 8.4360, 32.3231,
-7.3984

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 122.6020, 40.6222,
-9.2980

■ 122.6020, 40.6222,
-9.2980

■ 104.8820, 49.3582,
-11.2975

■ 140.3220, 31.8863,
-7.2984

■ 86.2760, 58.5309,
-13.3971

■ 158.9280, 22.7135,
-5.1989

■ 67.6700, 67.7037,
-15.4966

■ 177.5340, 13.5407,
-3.0993

■ 49.9500, 76.4397,
-17.4962

■ 195.2540, 4.8048,
-1.0998

■ 31.3440, 85.6124,
-19.5957

■ 213.8600, -4.3680,
0.9998

■ 23.3700, 89.5436,
-20.4955

■ 231.5800,
-13.1039, 2.9993

■ 249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



100.1190, 56.1433, -87.8044



122.6020, 40.6222, -9.2980



124.9800, 24.1669, 42.1135

Triad

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



122.6020, 40.6222, -9.2980



118.7320, -36.8429, 57.2400



97.0510, 8.8489, -85.1137

Complementary

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



122.6020, 40.6222, -9.2980



194.3980, -40.6222, 9.2980

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.



100.9950, -16.2665, -56.1236



122.6020, 40.6222, -9.2980



115.9400, -49.2704, 29.8706

Square

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



122.6020, 40.6222, -9.2980



118.4070, -16.9627, 74.1881



111.5980, -40.7208, -5.7864



102.4090, 29.3784, -89.8127

Rectangle

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



122.6020, 40.6222, -9.2980



122.3820, 11.1507, 63.6860



111.5980, -40.7208, -5.7864



95.2270, 1.8601, -83.5141

Sweetspot

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



122.6020, 40.6222, -9.2980



223.1040, 15.7247, -3.5992



177.1930, 13.7089, -57.1743



108.5080, 9.6096, -2.1995



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.



122.6020, 40.6222, -9.2980



132.7320, 60.2781, -13.7970



136.6550, 33.6941, 19.5966



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



150.4090, 26.9134, 47.8763



173.9940, 39.9360, 71.0423



180.6440, -33.8415, -18.9818



96.1300, 2.8939, 5.1480



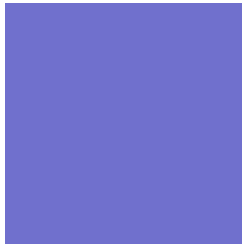
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 122.6020, 40.6222, -9.2980 looks on a white background.

Color Contrast Check

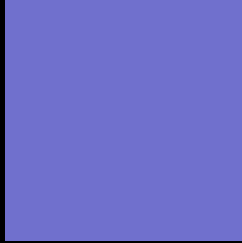
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6020, 40.6222, -9.2980 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 122.6020, 40.6222, -9.2980

Background



This preview shows how black text looks on a background with the YUV color 122.6020, 40.6222, -9.2980.



This preview shows how white text looks on a background with the YUV color 122.6020, 40.6222, -9.2980.

-9.2980.

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

122.6020, 40.6222, -9.2980

Protanopia

117.8270, 45.9343, -33.1743

Deuteranopia

115.6750, 43.0512, -41.8110



Tritanopia

118.3870, 9.6692, -21.3874

Trichromacy



Original Color

122.6020, 40.6222, -9.2980

Protanomaly

119.4260, 44.1600, -24.0526

Deuteranomaly

118.2250, 42.2871, -30.0153

Tritanomaly

120.2810, 20.5675, -16.9094

Monochromacy



Original Color

122.6020, 40.6222, -9.2980

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8760, 14.8511, -3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6020, 40.6222, -9.2980 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(112, 112, 205)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 205)  
}
```

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(112, 112, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 205) }
```

Border

The CSS property to change the border of an element to YUV 122.6020, 40.6222, -9.2980 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(112, 112, 205) }
```


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

```
.border{ border-color:rgb(112, 112, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 205);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 122.6020, 40.6222, -9.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 205) }
```

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

```
.background{ background-color: rgb(112,  
112, 205) }
```

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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