

# Converting Colors

YUV(111.7280, 39.5741, 0.2385)

Have a look what the booklet for  
YUV(111.7280, 39.5741, 0.2385)  
contains.

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# Color

**YUV(111.7280, 39.5741,  
0.2385)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7060C0
RGB	112, 96, 192
RGB Percent	44%, 38%, 75%
CMY	0.5608, 0.6235, 0.2471
CMYK	0.42, 0.50, 0.00, 0.25
HSL	250°, 43%, 56%
HSV	250°, 50%, 75%
XYZ	20.3794, 15.6163, 51.8093
YIQ	111.7280, -21.2800, 33.2480

# Conversions

## Conversions Part 2

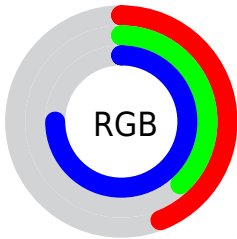
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 96, 192
Decimal	7364800
CIE <sub>Lab</sub>	46.47, 30.01, -48.44
CIE <sub>LCh</sub>	46, 56.981, 301.780
Yxy	15.6163, 0.2321, 0.1779
Android (android.graphics.Color)	4285554880 (0xFF7060C0)
YUV	111.7280, 39.5741, 0.2385
Hunter-Lab	39.5174, 22.8982, -50.0700

# Details

The YUV color **111.7280, 39.5741, 0.2385** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **176.2720, -39.5741, -0.2385**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6080, 41.6053, 2.0978**, and **61.5380, 37.6958, -3.9798** is the 20% darker color. If you saturate the color by 10%, you get **95.7910, 47.4310, 0.1833**, and if you desaturate by 10%, it is **127.6650, 31.7172, 0.2938**.

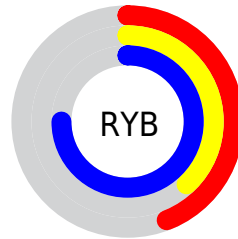
# Distribution



Red (44%)

Green (38%)

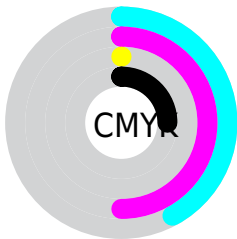
Blue (75%)



Red (44%)

Yellow (38%)

Blue (75%)

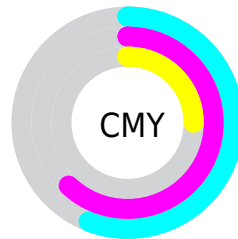


Cyan (42%)

Magenta (50%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (62%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.7280, 39.5741, 0.2385 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 111.7280, 39.5741, 0.2385 by changing the saturation by 10% instead.



■ 111.7280, 39.5741,  
0.2385

■ 111.7280, 39.5741,  
0.2385

■ 255.0000, 0.0000,  
0.0000

■ 86.4890, 38.7059,  
-1.3059

■ 164.6080, 41.6053,  
2.0978

■ 61.5380, 37.6958,  
-3.9798

■ 189.8120, 32.1377,  
5.4269

■ 36.6790, 37.1333,  
-10.2425

■ 214.3320, 20.0493,  
9.3558

■ 14.0270, 35.9757,  
-12.3017

■ 239.4390, 7.6716,  
12.7700

■ 7.1820, 27.5183,  
-6.2986

■ 6.3210, 16.6037,  
-5.5435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 111.7280, 39.5741,  
0.2385

■ 111.7280, 39.5741,  
0.2385

■ 95.7910, 47.4310,  
0.1833

■ 127.6650, 31.7172,  
0.2938

■ 79.8540, 55.2880,  
0.1280

■ 143.6020, 23.8602,  
0.3490

■ 63.3300, 63.4343,  
0.5876

■ 160.1260, 15.7139,  
-0.1105

■ 47.3930, 71.2913,  
0.5323

■ 176.0630, 7.8569,  
-0.0553

■ 31.4560, 79.1482,  
0.4771

■ 192.0000, 0.0000,  
0.0000

■ 207.9370, -7.8569,  
0.0553

■ 223.8740,  
-15.7139, 0.1105

■ 240.3980,  
-23.8602, -0.3490

■ 247.8180,  
-27.5183, 6.2986

# Harmonies

## Analogous

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



90.9890, 56.7004, -79.7974



111.7280, 39.5741, 0.2385



111.1660, 22.1032, 50.7204

# Triad

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



111.7280, 39.5741, 0.2385



104.9290, -42.3630, 54.4363



90.2520, 10.7218, -79.1510

# Complementary

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



111.7280, 39.5741, 0.2385



176.2720, -39.5741, -0.2385

# 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.



82.7910, -10.2500, -72.6077



111.7280, 39.5741, 0.2385



102.8530, -50.7065, 23.8079

# Square

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



111.7280, 39.5741, 0.2385



104.7940, -20.6044, 75.6027



97.3150, -41.5673, -14.3083



95.0230, 31.5407, -83.3352



# Rectangle

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



111.7280, 39.5741, 0.2385



106.2690, 9.2344, 71.6781



97.3150, -41.5673, -14.3083



87.7270, 3.5856, -76.9366

# Sweetspot

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



111.7280, 39.5741, 0.2385



218.4250, 15.5665, 0.5043



153.9040, 18.7813, -50.7818



105.8180, 9.4567, 0.1596



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.7280, 39.5741, 0.2385



124.5750, 61.8345, 0.3727



126.0800, 32.4986, 29.7478



88.7380, 4.0732, 0.2298



26.4270, 66.3445, 0.5025



5.5560, 13.5299, 0.3894



# Inverse Universe

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



133.8240, 20.7928, 51.0204



159.1000, 32.4887, 79.7193



161.9200, -32.4986, -29.7478



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820

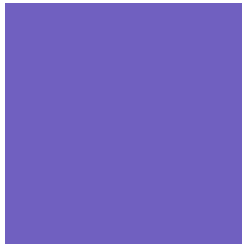


13.0590, 7.3659, 17.4883



# Previews

## White Background



This preview shows how the YUV color 111.7280, 39.5741, 0.2385 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 111.7280, 39.5741, 0.2385 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

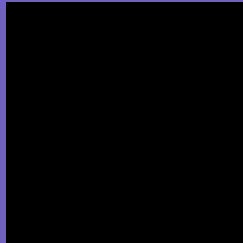
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 111.7280, 39.5741, 0.2385

## Background



This preview shows how black text looks on a background with the YUV color 111.7280, 39.5741, 0.2385.



This preview shows how white text looks on a background with the YUV color 111.7280, 39.5741,



# 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

111.7280, 39.5741, 0.2385

### Protanopia

104.1900, 48.7133, -37.8776

### Deuteranopia

101.9520, 42.9147, -44.6849



## Tritanopia

108.6440, 6.5845, -11.9658

# Trichromacy



## Original Color

111.7280, 39.5741, 0.2385

## Protanomaly

107.0670, 45.3230, -23.7378

## Deuteranomaly

105.7090, 41.5555, -28.6858

## Tritanomaly

109.7660, 18.3564, -7.6878

# Monochromacy



## Original Color

111.7280, 39.5741, 0.2385

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.7840, 14.4035, 0.1894

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.7280, 39.5741, 0.2385 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, 96, 192)` looks like.

```
.text, #text, p{  
    color:rgb(112, 96, 192)  
}
```

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, 96, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 96, 192) }
```

## Border

The CSS property to change the border of an element to YUV 111.7280, 39.5741, 0.2385 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, 96, 192) }
```



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

```
.border{ border-color:rgb(112, 96, 192) }
```

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

Here you see how a box with a 4 pixel rgb(112, 96, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 96, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 96, 192);  
box-shadow:4px 4px 4px 4px rgb(112, 96,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 111.7280, 39.5741, 0.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 96, 192) }
```

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

```
.background{ background-color: rgb(112, 96,  
192) }
```

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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