

Converting Colors

YUV(126.7280, 39.5741, 0.2385)

Have a look what the booklet for
YUV(126.7280, 39.5741, 0.2385)
contains.

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Color

**YUV(126.7280, 39.5741,
0.2385)**

Conversions

Conversions Part 1	
Format	Color
Hex	7F6FCF
RGB	127, 111, 207
RGB Percent	50%, 44%, 81%
CMY	0.5020, 0.5647, 0.1882
CMYK	0.39, 0.46, 0.00, 0.19
HSL	250°, 50%, 62%
HSV	250°, 46%, 81%
XYZ	25.6993, 20.3859, 61.6119
YIQ	126.7280, -21.2800, 33.2480

Conversions

Conversions Part 2

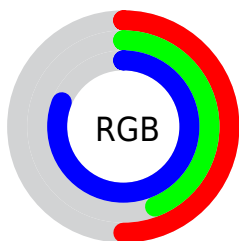
Format	Color
RYB	127, 111, 207
Decimal	8351695
CIELab	52.27, 29.05, -47.72
CIELCh	52, 55.862, 301.332
Yxy	20.3859, 0.2386, 0.1893
Android (android.graphics.Color)	4286541775 (0xFF7F6FCF)
YUV	126.7280, 39.5741, 0.2385
Hunter-Lab	45.1507, 22.5865, -49.3005

Details

The YUV color **126.7280, 39.5741, 0.2385** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **191.2720, -39.5741, -0.2385**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4680, 37.2373, 3.0976**, and **75.8370, 37.5484, -3.3650** is the 20% darker color. If you saturate the color by 10%, you get **109.3180, 48.1572, 0.5981**, and if you desaturate by 10%, it is **144.1380, 30.9910, -0.1210**.

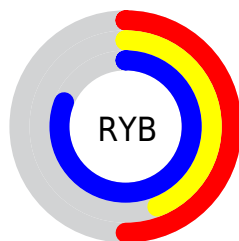
Distribution



Red (50%)

Green (44%)

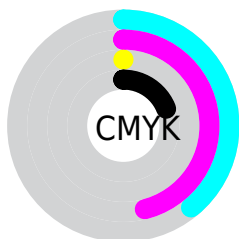
Blue (81%)



Red (50%)

Yellow (44%)

Blue (81%)

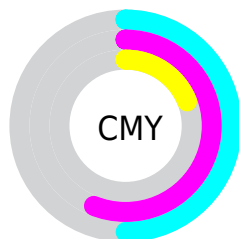


Cyan (39%)

Magenta (46%)

Yellow (0%)

Black (19%)



Cyan (50%)


Magenta (56%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the YUV color 126.7280, 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 126.7280, 39.5741, 0.2385 by changing the saturation by 10% instead.


 126.7280, 39.5741,
0.2385


 126.7280, 39.5741,
0.2385


 255.0000, 0.0000,
0.0000


 100.7880, 38.5585,
-0.6911


 179.4680, 37.2373,
3.0976


 75.8370, 37.5484,
-3.3650


 203.9880, 25.1489,
7.0265


 51.5870, 36.6856,
-6.6538

 229.0950, 12.7712,
10.4407

 24.6350, 37.1549,
-17.2199


 249.7170, 2.6045,
4.6332


 8.6640, 33.1966,
-7.5983


 8.2760, 21.5559,
-7.2581


 4.5940, 12.5252,


-4.0289


 0.0000, 0.0000,
0.0000


 126.7280, 39.5741,
0.2385


 126.7280, 39.5741,
0.2385

 109.3180, 48.1572,
0.5981


 144.1380, 30.9910,
-0.1210


 92.4950, 56.4510,
0.4429


 161.2600, 22.5498,
0.6490


 74.7860, 65.1815,
0.1877

 178.6700, 13.9667,
0.2894

 57.3760, 73.7646,
0.5472

 196.0800, 5.3836,
-0.0702

 39.9660, 82.3478,
0.9068

 212.9030, -2.9102,
0.0851

■ 34.0630, 85.2579,
0.8217

■ 230.6120,
-11.6407, 0.3403

■ 247.4350,
-19.9345, 0.4955

■ 249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



101.5040, 58.9115, -89.0190



126.7280, 39.5741, 0.2385



127.3400, 21.5244, 49.6908

Triad

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



126.7280, 39.5741, 0.2385



120.9830, -40.9106, 55.2659



100.5390, 12.0593, -88.1727

Complementary

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



126.7280, 39.5741, 0.2385



191.2720, -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.



93.1920, -8.4757, -81.7294



126.7280, 39.5741, 0.2385



117.2940, -52.8959, 26.0522

Square

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



126.7280, 39.5741, 0.2385



120.6800, -21.0412, 75.7026



113.0100, -38.9519, -13.1638



106.0110, 33.0256, -92.9716

Rectangle

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



126.7280, 39.5741, 0.2385



124.0300, 8.3662, 70.1337



113.0100, -38.9519, -13.1638



98.1280, 5.3599, -86.0583

Sweetspot

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



126.7280, 39.5741, 0.2385



224.8980, 14.8403, 0.0895



168.9040, 18.7813, -50.7818



109.4050, 9.1673, -0.3552



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.



126.7280, 39.5741, 0.2385



135.4780, 58.9243, 0.4578



141.0800, 32.4986, 29.7478



95.8520, 4.5100, 0.1298



27.5240, 69.2547, 0.4175



6.7670, 16.8769, 0.2043

Inverse Universe

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



148.8240, 20.7928, 51.0204



168.3230, 30.8998, 76.0157



176.9200, -32.4986, -29.7478



98.3150, 2.3097, 5.8627



66.1920, 36.3873, 89.2856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 126.7280, 39.5741, 0.2385 looks on a white background.

Color Contrast Check

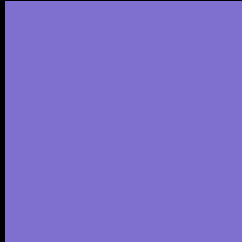
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7280, 39.5741, 0.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

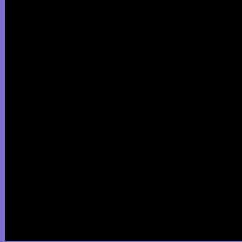
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.7280, 39.5741, 0.2385

Background



This preview shows how black text looks on a background with the YUV color 126.7280, 39.5741, 0.2385.

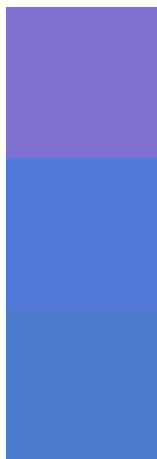


This preview shows how white text looks on a background with the YUV color 126.7280, 39.5741,

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

126.7280, 39.5741, 0.2385

Protanopia

120.2830, 47.6815, -33.5742

Deuteranopia

119.0560, 41.8774, -38.6371



Tritanopia

123.3560, 6.7265, -10.8362

Trichromacy



Original Color
126.7280, 39.5741, 0.2385

Protanomaly
122.2630, 44.7333, -21.2787

Deuteranomaly
121.9160, 40.9604, -24.4823

Tritanomaly
124.4780, 18.4983, -6.5582

Monochromacy



Original Color
126.7280, 39.5741, 0.2385

Achromatopsia
127.0000, 0.0000, 0.0000

Achromatomaly
126.7840, 14.4035, 0.1894

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7280, 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(127, 111, 207)` looks like.

```
.text, #text, p{  
    color:rgb(127, 111, 207)  
}
```

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(127, 111, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 111, 207) }
```

Border

The CSS property to change the border of an element to YUV 126.7280, 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(127, 111, 207) }
```


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

```
.border{ border-color:rgb(127, 111, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 111, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 111, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 111, 207);  
box-shadow:4px 4px 4px 4px rgb(127, 111,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 126.7280, 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(127, 111, 207) }
```

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

```
.background{ background-color: rgb(127,  
111, 207) }
```

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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