

Converting Colors

YUV(61.1600, 71.4061, 10.3837)

Have a look what the booklet for
YUV(61.1600, 71.4061, 10.3837)
contains.

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Color

**YUV(61.1600, 71.4061,
10.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	491BCE
RGB	73, 27, 206
RGB Percent	29%, 11%, 81%
CMY	0.7137, 0.8941, 0.1922
CMYK	0.65, 0.87, 0.00, 0.19
HSL	255°, 77%, 46%
HSV	255°, 87%, 81%
XYZ	14.2802, 6.6566, 58.9247
YIQ	61.1600, -30.0430, 65.4210

Conversions

Conversions Part 2

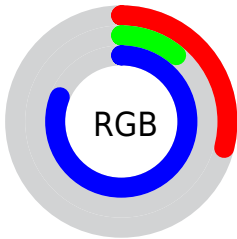
Format	Color
R _Y B	73, 27, 206
Decimal	4791246
CIE Lab	31.01, 63.17, -81.93
CIE LCh	31, 103.454, 307.634
Yxy	6.6566, 0.1788, 0.0834
Android (android.graphics.Color)	4282981326 (0xFF491BCE)
YUV	61.1600, 71.4061, 10.3837
Hunter-Lab	25.8003, 53.6470, -117.3508

Details

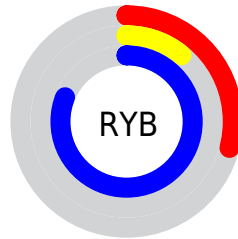
The YUV color **61.1600, 71.4061, 10.3837** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **171.8400, -71.4061, -10.3837**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4660, 67.3113, 17.1313**, and **17.1000, 65.5197, -14.9967** is the 20% darker color. If you saturate the color by 10%, you get **44.3480, 79.6944, 11.9728**, and if you desaturate by 10%, it is **77.9720, 63.1178, 8.7946**.

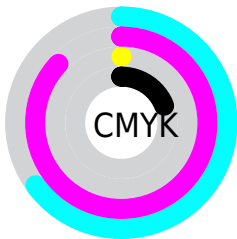
Distribution



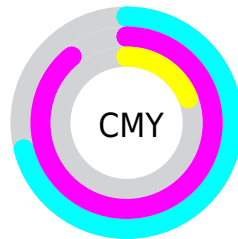
- Red (29%)
- Green (11%)
- Blue (81%)



- Red (29%)
- Yellow (11%)
- Blue (81%)



- Cyan (65%)
- Magenta (87%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (89%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1600, 71.4061, 10.3837 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 61.1600, 71.4061, 10.3837 by changing the saturation by 10% instead.

61.1600, 71.4061,
10.3837

61.1600, 71.4061,
10.3837

255.0000, 0.0000,
0.0000

28.9630, 73.4752,
0.0324

118.4660, 67.3113,
17.1313

17.1000, 65.5197,
-14.9967

142.9970, 55.2175,
22.8046

14.0220, 53.7262,
-12.2973

168.1150, 42.8343,
27.9631

11.0580, 42.3694,
-9.6979

193.2330, 30.4511,
33.1217

12.9040, 29.1343,
-11.3168

216.8450, 18.8104,
33.4619


7.9340, 20.2455,
-6.9581

233.8680, 10.4181,


3.6650, 11.5042,


18.5328


-3.2142


 250.8910, 2.0257,
3.6036


 0.0000, 0.0000,
0.0000


 61.1600, 71.4061,
10.3837


 61.1600, 71.4061,
10.3837


 44.3480, 79.6944,
11.9728


 77.9720, 63.1178,
8.7946

 39.3310, 82.1678,
11.9877

 94.4960, 54.9715,
8.3350

 111.3080, 46.6832,
6.7459

 127.5330, 38.6842,
5.6716

 144.6440, 30.2485,
4.6972

■ 161.4560, 21.9602,
3.1081

■ 177.6810, 13.9613,
2.0338

■ 194.4930, 5.6730,
0.4446

■ 211.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



75.6080, 81.5383, -66.3082



61.1600, 71.4061, 10.3837



68.2420, 33.8977, 94.5038

Triad

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



61.1600, 71.4061, 10.3837



63.5570, -31.3336, 63.5325



68.1280, 12.2619, -59.7483

Complementary

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



61.1600, 71.4061, 10.3837



171.8400, -71.4061, -10.3837

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.



56.3520, -27.7815, -49.4207



61.1600, 71.4061, 10.3837



67.0150, -33.0384, 3.4948

Square

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



61.1600, 71.4061, 10.3837



54.4180, -26.8281, 111.8894



53.4170, -26.3346, -46.8467



79.0090, 46.3376, -69.2909

Rectangle

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



61.1600, 71.4061, 10.3837



68.7780, 7.5044, 113.3277



53.4170, -26.3346, -46.8467



64.2350, -0.1159, -56.3341

Sweetspot

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



61.1600, 71.4061, 10.3837



201.6070, 26.3227, 3.8527



126.0640, 39.4084, -86.8791



95.5500, 15.9979, 2.1487



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.



61.1600, 71.4061, 10.3837



48.8040, 101.6546, 15.0809



87.4720, 58.4343, 64.4841



93.7380, 4.0732, 0.2298



31.7810, 66.1700, 9.8391



7.3220, 15.1243, 2.3486

Inverse Universe

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



95.6830, 31.7083, 96.7480



97.7910, 44.9660, 137.8723



145.5280, -58.4343, -64.4841



95.7880, 1.5835, 5.4479



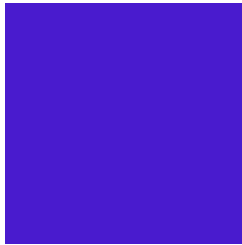
63.6560, 29.2566, 89.7557



14.5540, 6.6289, 20.5621

Previews

White Background



This preview shows how the YUV color 61.1600, 71.4061, 10.3837 looks on a white background.

Color Contrast Check

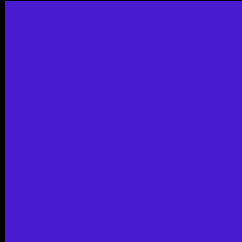
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 61.1600, 71.4061, 10.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

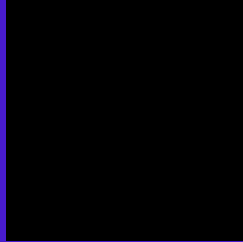
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1600, 71.4061, 10.3837

Background



This preview shows how black text looks on a background with the YUV color 61.1600, 71.4061, 10.3837.



This preview shows how white text looks on a background with the YUV color 61.1600, 71.4061,

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

61.1600, 71.4061, 10.3837

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

58.9760, 33.0428, -51.7220



Tritanopia

57.4650, 14.5608, -50.3968

Trichromacy



Original Color

61.1600, 71.4061, 10.3837

Protanomaly

59.7380, 54.3592, -28.7112

Deuteranomaly

59.7890, 46.9390, -28.7560

Tritanomaly

58.7000, 35.1509, -27.8009

Monochromacy



Original Color

61.1600, 71.4061, 10.3837

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1940, 26.0334, 3.3379

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1600, 71.4061, 10.3837 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(73, 27, 206)` looks like.

```
.text, #text, p{  
    color:rgb(73, 27, 206)  
}
```

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(73, 27, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 27, 206) }
```

Border

The CSS property to change the border of an element to YUV 61.1600, 71.4061, 10.3837 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(73, 27, 206) }
```


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

```
.border{ border-color:rgb(73, 27, 206) }
```

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

Here you see how a box with a 4 pixel rgb(73, 27, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 27, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 27, 206);  
box-shadow:4px 4px 4px 4px rgb(73, 27,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 61.1600, 71.4061, 10.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 27, 206) }
```

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

```
.background{ background-color: rgb(73, 27,  
206) }
```

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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