

Converting Colors

YUV(73.6110, 74.1418, 19.6352)

Have a look what the booklet for
YUV(73.6110, 74.1418, 19.6352)
contains.

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Color

**YUV(73.6110, 74.1418,
19.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	6021E0
RGB	96, 33, 224
RGB Percent	38%, 13%, 88%
CMY	0.6235, 0.8706, 0.1216
CMYK	0.57, 0.85, 0.00, 0.12
HSL	260°, 75%, 50%
HSV	260°, 85%, 88%
XYZ	18.8223, 8.9563, 71.2577
YIQ	73.6110, -23.7630, 72.7570

Conversions

Conversions Part 2

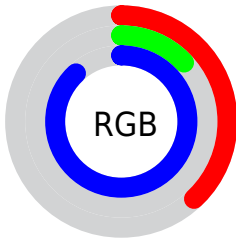
Format	Color
R_{YB}	96, 33, 224
Decimal	6300128
CIE _{Lab}	35.90, 67.73, -84.16
CIE _{LCh}	36, 108.029, 308.828
Yxy	8.9563, 0.1901, 0.0904
Android (android.graphics.Color)	4284490208 (0xFF6021E0)
YUV	73.6110, 74.1418, 19.6352
Hunter-Lab	29.9271, 59.8928, -120.2229

Details

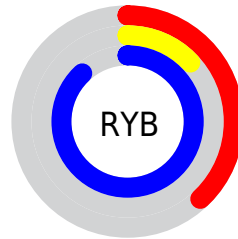
The YUV color **73.6110, 74.1418, 19.6352** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **183.3890, -74.1418, -19.6352**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1530, 62.0426, 27.0528**, and **19.0380, 72.9453, -16.6963** is the 20% darker color. If you saturate the color by 10%, you get **56.2120, 82.7195, 21.7391**, and if you desaturate by 10%, it is **91.0100, 65.5641, 17.5312**.

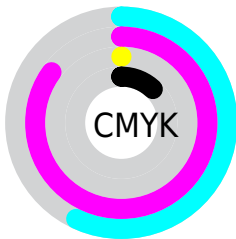
Distribution



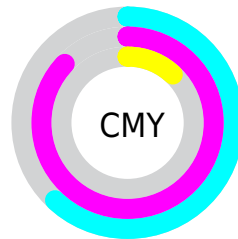
- Red (38%)
- Green (13%)
- Blue (88%)



- Red (38%)
- Yellow (13%)
- Blue (88%)



- Cyan (57%)
- Magenta (85%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (87%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6110, 74.1418, 19.6352 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 73.6110, 74.1418, 19.6352 by changing the saturation by 10% instead.

73.6110, 74.1418,
19.6352

73.6110, 74.1418,
19.6352

255.0000, 0.0000,
0.0000

40.1700, 76.3312,
17.3909

129.1530, 62.0426,
27.0528

19.0380, 72.9453,
-16.6963

153.9720, 49.8068,
31.5966

15.9600, 61.1517,
-13.9969

179.6770, 37.1342,
36.2403

12.8820, 49.3582,
-11.2975

205.3820, 24.4617,
40.8840

14.0270, 35.9757,
-12.3017

222.7150, 15.9165,
28.3139

10.7040, 25.7819,
-9.3874

239.7380, 7.5242,

6.3210, 16.6037,

13.3848

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 73.6110, 74.1418,
19.6352

■ 73.6110, 74.1418,
19.6352

■ 56.2120, 82.7195,
21.7391

■ 91.0100, 65.5641,
17.5312

■ 47.6620, 86.9346,
23.0984

■ 108.9960, 56.6970,
14.9125

■ 126.3950, 48.1193,
12.8086

■ 144.3810, 39.2522,
10.1899

■ 161.7800, 30.6745,
8.0859

■ 179.1790, 22.0968,
5.9820

■ 197.1650, 13.2297,
3.3633

■ 214.5640, 4.6519,
1.2594

■ 232.5500, -4.2152,
-1.3594

Harmonies

Analogous

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



83.6610, 84.4701, -73.3707



73.6110, 74.1418, 19.6352



75.8890, 36.0437, 106.2143

Triad

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



73.6110, 74.1418, 19.6352



75.6730, -37.3068, 66.0618



78.1700, 15.1992, -68.5551

Complementary

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



73.6110, 74.1418, 19.6352



183.3890, -74.1418, -19.6352

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.



64.9120, -30.5226, -56.9278



73.6110, 74.1418, 19.6352



77.0490, -37.9852, 3.4650

Square

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



73.6110, 74.1418, 19.6352



60.0990, -29.6288, 123.5702



61.6350, -30.3861, -54.0539



89.6210, 51.4588, -78.5976

Rectangle

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



73.6110, 74.1418, 19.6352



75.9690, 7.9033, 125.4382



61.6350, -30.3861, -54.0539



74.1630, 2.3846, -65.0410

Sweetspot

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



73.6110, 74.1418, 19.6352



203.1020, 25.5857, 6.9265



131.6710, 45.5182, -86.5345



96.4470, 15.5556, 3.9930



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.



73.6110, 74.1418, 19.6352



54.1860, 99.0013, 26.1469



101.4180, 60.4329, 76.8094



103.4500, 4.2151, 1.3593



37.4060, 68.3268, 18.0609



10.2560, 18.6078, 5.0375

Inverse Universe

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



104.7010, 27.7554, 104.6252



95.7390, 37.1037, 139.6719



155.5820, -60.4329, -76.8094



105.0870, 1.4361, 6.0627



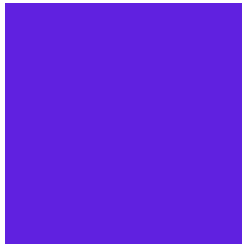
66.0760, 25.5985, 96.4033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 73.6110, 74.1418, 19.6352 looks on a white background.

Color Contrast Check

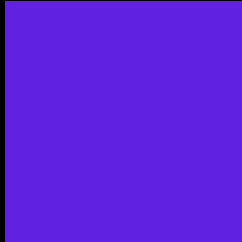
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.6110, 74.1418, 19.6352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

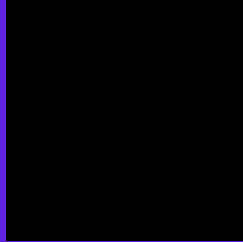
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6110, 74.1418, 19.6352

Background



This preview shows how black text looks on a background with the YUV color 73.6110, 74.1418, 19.6352.



This preview shows how white text looks on a background with the YUV color 73.6110, 74.1418,

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

73.6110, 74.1418, 19.6352

Protanopia

67.6280, 50.9624, -59.3098

Deuteranopia

67.7130, 38.5955, -59.3843



Tritanopia

78.6420, 9.5435, -27.7500

Trichromacy



Original Color

73.6110, 74.1418, 19.6352

Protanomaly

69.6930, 59.3114, -30.4258

Deuteranomaly

69.6300, 51.4544, -30.3705

Tritanomaly

76.9410, 33.0601, -10.4723

Monochromacy



Original Color

73.6110, 74.1418, 19.6352

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8570, 27.1855, 7.1414

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6110, 74.1418, 19.6352 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(96, 33, 224)` looks like.

```
.text, #text, p{  
  color:rgb(96, 33, 224)  
}
```

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(96, 33, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 33, 224) }
```

Border

The CSS property to change the border of an element to YUV 73.6110, 74.1418, 19.6352 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(96, 33, 224) }
```


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

```
.border{ border-color:rgb(96, 33, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 33, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 33, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 33, 224);  
box-shadow:4px 4px 4px 4px rgb(96, 33,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 73.6110, 74.1418, 19.6352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 33, 224) }
```

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

```
.background{ background-color: rgb(96, 33,  
224) }
```

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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