

Converting Colors

YUV(59.3660, 82.6436, 46.1600)

Have a look what the booklet for
YUV(59.3660, 82.6436, 46.1600)
contains.

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Color

**YUV(59.3660, 82.6436,
46.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	7000E3
RGB	112, 0, 227
RGB Percent	44%, 0%, 89%
CMY	0.5608, 1.0000, 0.1098
CMYK	0.51, 1.00, 0.00, 0.11
HSL	270°, 100%, 45%
HSV	270°, 100%, 89%
XYZ	20.5472, 8.9908, 73.3255
YIQ	59.3660, -6.1150, 94.3410

Conversions

Conversions Part 2

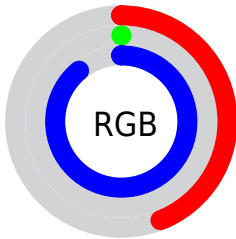
Format	Color
R_{YB}	112, 0, 227
Decimal	7340259
CIE _{Lab}	35.97, 76.09, -85.71
CIE _{LCh}	36, 114.610, 311.598
Yxy	8.9908, 0.1998, 0.0874
Android (android.graphics.Color)	4285530339 (0xFF7000E3)
YUV	59.3660, 82.6436, 46.1600
Hunter-Lab	29.9847, 69.8454, -124.0005

Details

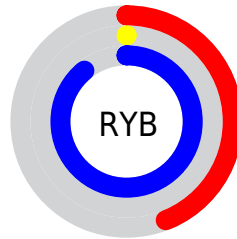
The YUV color **59.3660, 82.6436, 46.1600** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **167.6340, -82.6436, -46.1600**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1810, 63.0148, 41.9373**, and **30.7420, 68.6542, 6.3653** is the 20% darker color. If you saturate the color by 10%, you get **59.3660, 82.6436, 46.1600**, and if you desaturate by 10%, it is **76.1560, 74.3661, 41.0822**.

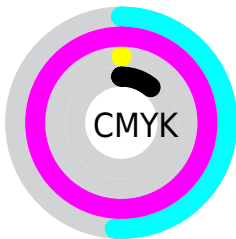
Distribution



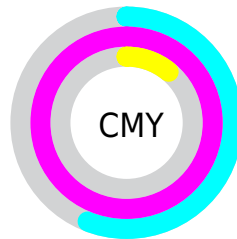
- Red (44%)
- Green (0%)
- Blue (89%)



- Red (44%)
- Yellow (0%)
- Blue (89%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)





- Cyan (56%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 59.3660, 82.6436, 46.1600 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 59.3660, 82.6436, 46.1600 by changing the saturation by 10% instead.


 59.3660, 82.6436,
46.1600


 59.3660, 82.6436,
46.1600


255.0000, 0.0000,
0.0000


 46.1930, 74.8409,
28.7717


 127.1810, 63.0148,
41.9373


 30.7420, 68.6542,
6.3653


 152.8860, 50.3422,
46.5810


 16.1880, 62.0253,
-14.1969


 178.5910, 37.6696,
51.2247

 13.2240, 50.6686,
-11.5974

 200.9960, 26.6240,
47.3615

 10.8470, 39.0224,
-9.5128

 218.0190, 18.2316,
32.4323


 11.5190, 26.3661,
-10.1022


 235.0420, 9.8393,


 6.5490, 17.4773,


17.5032


-5.7435


 252.0650, 1.4470,
2.5740


 2.8670, 8.4466,
-2.5144


 0.0000, 0.0000,
0.0000

 59.3660, 82.6436,
46.1600

 76.1560, 74.3661,
41.0822

 92.6580, 66.2306,
37.1339

 109.4480, 57.9531,
32.0561

 126.5370, 49.5283,
27.5931

■ 143.3270, 41.2508,
22.5152

■ 159.8290, 33.1153,
18.5670

■ 176.6190, 24.8378,
13.4891

■ 193.7080, 16.4130,
9.0261

■ 209.9110, 8.4249,
4.4631

Harmonies

Analogous

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



82.4870, 85.0489, -72.3411



59.3660, 82.6436, 46.1600



79.0210, 32.5276, 113.9916

Triad

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



59.3660, 82.6436, 46.1600



77.1240, -38.0221, 62.1583



80.0110, 19.7146, -70.1696

Complementary

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



59.3660, 82.6436, 46.1600



167.6340, -82.6436, -46.1600

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.



66.7530, -26.0072, -58.5424



59.3660, 82.6436, 46.1600



75.5210, -37.2319, -4.8419

Square

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



59.3660, 82.6436, 46.1600



60.3980, -29.7762, 124.1850



62.2220, -30.6754, -54.5687



91.9180, 57.7214, -80.6121

Rectangle

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



59.3660, 82.6436, 46.1600



77.8620, 3.5190, 131.6710



62.2220, -30.6754, -54.5687



75.7760, 6.0264, -66.4556

Sweetspot

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



59.3660, 82.6436, 46.1600



198.7270, 27.7426, 15.1484



94.5570, 65.2944, -82.9265



93.8220, 16.8498, 8.9261



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.



59.3660, 82.6436, 46.1600



66.7440, 92.8102, 51.9675



92.5550, 66.2814, 114.4003



106.1620, 4.3571, 2.4889



46.7180, 65.2150, 36.2043



13.2890, 18.5915, 10.2705

Inverse Universe

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



80.9830, 16.7704, 128.0569



90.9510, 18.7582, 143.8710



134.4450, -66.2814, -114.4003



107.2720, 0.8519, 6.7775



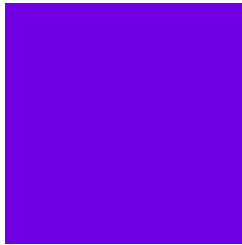
63.7810, 12.9260, 101.0471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 59.3660, 82.6436, 46.1600 looks on a white background.

Color Contrast Check

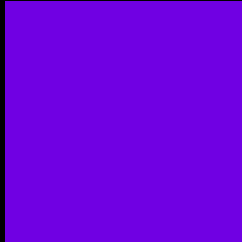
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.3660, 82.6436, 46.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

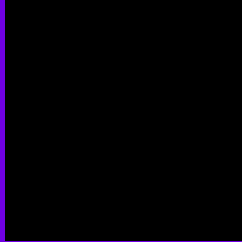
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3660, 82.6436, 46.1600

Background



This preview shows how black text looks on a background with the YUV color 59.3660, 82.6436, 46.1600.



This preview shows how white text looks on a background with the YUV color 59.3660, 82.6436,

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



Protanopia

68.6710, 52.4202, -60.2245

Deuteranopia

69.3430, 39.7639, -60.8138

Tritanopia

84.6120, 5.1213, -9.3067

Trichromacy



Protanomaly

65.4860, 63.3574, -21.4742

Deuteranomaly

66.0100, 55.2111, -21.9338

Tritanomaly

75.4860, 33.2844, 10.9748

Monochromacy



Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.3080, 29.9212, 16.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3660, 82.6436, 46.1600 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, 0, 227)` looks like.

```
.text, #text, p{  
  color:rgb(112, 0, 227)  
}
```

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, 0, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 227) }
```

Border

The CSS property to change the border of an element to YUV 59.3660, 82.6436, 46.1600 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, 0, 227) }
```

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

```
.border{ border-color:rgb(112, 0, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 227);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
227) }
```


Background

The CSS property to change the background color of an element to YUV 59.3660, 82.6436, 46.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 227) }
```

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

```
.background{ background-color: rgb(112, 0,  
227) }
```

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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