

Converting Colors

YUV(79.8400, 70.0849, 14.1723)

Have a look what the booklet for
YUV(79.8400, 70.0849, 14.1723)
contains.

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Color

**YUV(79.8400, 70.0849,
14.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	602CDE
RGB	96, 44, 222
RGB Percent	38%, 17%, 87%
CMY	0.6235, 0.8275, 0.1294
CMYK	0.57, 0.80, 0.00, 0.13
HSL	258°, 73%, 52%
HSV	258°, 80%, 87%
XYZ	18.9094, 9.5621, 69.9563
YIQ	79.8400, -26.1460, 66.3820

Conversions

Conversions Part 2

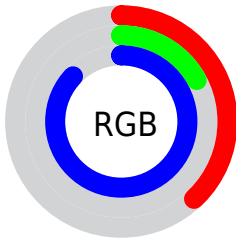
Format	Color
R_{YB}	96, 44, 222
Decimal	6302942
CIE _{Lab}	37.04, 63.25, -81.12
CIE _{LCh}	37, 102.863, 307.942
Yxy	9.5621, 0.1921, 0.0971
Android (android.graphics.Color)	4284493022 (0xFF602CDE)
YUV	79.8400, 70.0849, 14.1723
Hunter-Lab	30.9226, 55.0392, -112.4860

Details

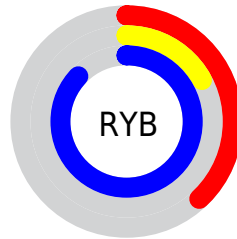
The YUV color **79.8400, 70.0849, 14.1723** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **186.1600, -70.0849, -14.1723**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5500, 59.8749, 22.3197**, and **19.1090, 71.9243, -15.8816** is the 20% darker color. If you saturate the color by 10%, you get **62.1420, 78.8100, 15.6615**, and if you desaturate by 10%, it is **97.5380, 61.3598, 12.6832**.

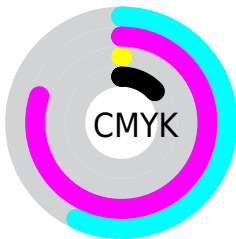
Distribution



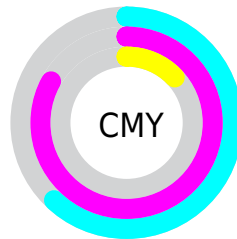
- Red (38%)
- Green (17%)
- Blue (87%)



- Red (38%)
- Yellow (17%)
- Blue (87%)



- Cyan (57%)
- Magenta (80%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (83%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8400, 70.0849, 14.1723 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 79.8400, 70.0849, 14.1723 by changing the saturation by 10% instead.

■ 79.8400, 70.0849,
14.1723

■ 79.8400, 70.0849,
14.1723

■ 255.0000, 0.0000,
0.0000

■ 47.2850, 71.8375,
12.0281

■ 133.5500, 59.8749,
22.3197

■ 19.1090, 71.9243,
-15.8816

■ 158.3690, 47.6391,
26.8634

■ 15.7320, 60.2781,
-13.7970

■ 183.4870, 35.2559,
32.0219

■ 12.7680, 48.9214,
-11.1975

■ 209.1920, 22.5833,
36.6656

■ 13.3260, 35.8283,
-11.6869

■ 226.8240, 13.8908,
24.7104

■ 10.5900, 25.3451,
-9.2874

■ 243.8470, 5.4984,

■ 6.2070, 16.1669,

9.7812

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 79.8400, 70.0849,
14.1723

■ 79.8400, 70.0849,
14.1723

■ 62.1420, 78.8100,
15.6615

■ 97.5380, 61.3598,
12.6832

■ 44.7430, 87.3877,
17.7654

■ 114.9370, 52.7821,
10.5793

■ 133.2220, 43.7676,
8.5753

■ 150.9200, 35.0424,
7.0862

■ 168.6180, 26.3173,
5.5970

■ 186.0170, 17.7396,
3.4931

■ 203.7150, 9.0145,
2.0039

■ 222.0000, 0.0000,
0.0000

■ 239.3990, -8.5777,
-2.1039

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



79.8400, 70.0849, 14.1723



75.2200, 37.3595, 104.1701

Triad

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



79.8400, 70.0849, 14.1723



78.3310, -38.6172, 66.3617



79.8170, 13.8942, -69.9995

Complementary

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



79.8400, 70.0849, 14.1723



186.1600, -70.0849, -14.1723

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.



66.7700, -28.4806, -58.5573



79.8400, 70.0849, 14.1723



80.0170, -39.4484, 6.1241

Square

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



79.8400, 70.0849, 14.1723



60.0990, -29.6288, 123.5702



62.8090, -30.9648, -55.0835



90.3390, 49.1329, -79.2273

Rectangle

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



79.8400, 70.0849, 14.1723



75.9410, 10.3821, 123.7087



62.8090, -30.9648, -55.0835



75.9240, 1.5165, -66.5853

Sweetspot

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



79.8400, 70.0849, 14.1723



206.3360, 23.9914, 4.9673



139.4280, 40.7080, -83.6904



98.2080, 14.6875, 2.4486



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.



79.8400, 70.0849, 14.1723



59.4580, 96.4022, 19.7693



105.8530, 57.2605, 67.6579



103.1510, 4.3626, 0.7446



35.3130, 69.3587, 13.7575



9.6580, 18.9026, 3.8079

Inverse Universe

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



111.5860, 28.7981, 96.8331



102.9770, 39.4513, 133.3242



160.1470, -57.2605, -67.6579



105.2010, 1.8729, 5.9627



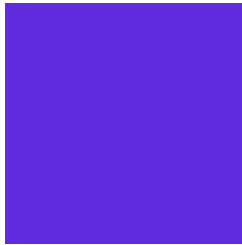
66.8740, 28.6561, 95.7035



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 79.8400, 70.0849, 14.1723 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 79.8400, 70.0849, 14.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

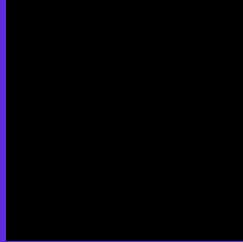
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8400, 70.0849, 14.1723

Background



This preview shows how black text looks on a background with the YUV color 79.8400, 70.0849, 14.1723.



This preview shows how white text looks on a background with the YUV color 79.8400, 70.0849,

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

79.8400, 70.0849, 14.1723

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

70.0440, 39.9113, -61.4286



Tritanopia

81.6420, 9.5435, -27.7500

Trichromacy



Original Color

79.8400, 70.0849, 14.1723

Protanomaly

72.9700, 59.1748, -33.2997

Deuteranomaly

73.4940, 51.0285, -33.7592

Tritanomaly

81.1750, 31.4657, -12.4315

Monochromacy



Original Color

79.8400, 70.0849, 14.1723

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0910, 25.5911, 5.1822

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8400, 70.0849, 14.1723 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, 44, 222)` looks like.

```
.text, #text, p{  
    color:rgb(96, 44, 222)  
}
```

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, 44, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 44, 222) }
```

Border

The CSS property to change the border of an element to YUV 79.8400, 70.0849, 14.1723 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, 44, 222) }
```


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

```
.border{ border-color:rgb(96, 44, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 44, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 44, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 44, 222);  
box-shadow:4px 4px 4px 4px rgb(96, 44,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 79.8400, 70.0849, 14.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 44, 222) }
```

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

```
.background{ background-color: rgb(96, 44,  
222) }
```

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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