

Converting Colors

YUV(64.1200, 72.4118, 61.2848)

Have a look what the booklet for
YUV(64.1200, 72.4118, 61.2848)
contains.

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Color

**YUV(64.1200, 72.4118,
61.2848)**

Conversions

Conversions Part 1

Format	Color
Hex	8600D3
RGB	134, 0, 211
RGB Percent	53%, 0%, 83%
CMY	0.4745, 1.0000, 0.1725
CMYK	0.36, 1.00, 0.00, 0.17
HSL	278°, 100%, 41%
HSV	278°, 100%, 83%
XYZ	21.5894, 9.7715, 62.3762
YIQ	64.1200, 12.1330, 94.0290

Conversions

Conversions Part 2

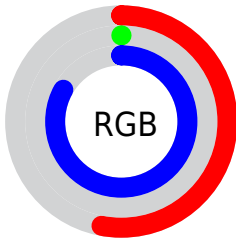
Format	Color
RYB	134, 0, 211
Decimal	8782035
CIELab	37.43, 74.78, -73.99
CIElCh	37, 105.191, 315.304
Yxy	9.7715, 0.2303, 0.1042
Android (android.graphics.Color)	4286972115 (0xFF8600D3)
YUV	64.1200, 72.4118, 61.2848
Hunter-Lab	31.2594, 68.5777, -96.4281

Details

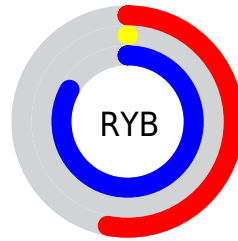
The YUV color **64.1200, 72.4118, 61.2848** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **146.8800, -72.4118, -61.2848**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0360, 59.6353, 52.5884**, and **39.4970, 56.9430, 29.3821** is the 20% darker color. If you saturate the color by 10%, you get **64.1200, 72.4118, 61.2848**, and if you desaturate by 10%, it is **78.8390, 65.1554, 55.3922**.

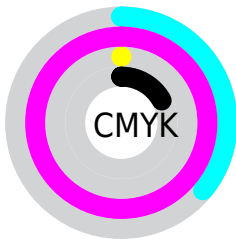
Distribution



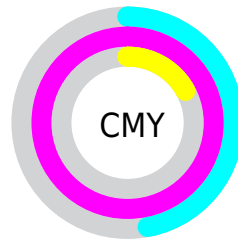
- Red (53%)
- Green (0%)
- Blue (83%)



- Red (53%)
- Yellow (0%)
- Blue (83%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1200, 72.4118, 61.2848 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 64.1200, 72.4118, 61.2848 by changing the saturation by 10% instead.

64.1200, 72.4118,
61.2848

64.1200, 72.4118,
61.2848

255.0000, 0.0000,
0.0000

51.9580, 64.6037,
45.6408

134.0360, 59.6353,
52.5884

39.4970, 56.9430,
29.3821

160.0290, 46.8207,
56.1026

25.9540, 50.3087,
10.5643

185.7340, 34.1481,
60.7463

11.6280, 44.5534,
-10.1978

202.7570, 25.7558,
45.8171

8.7780, 33.6334,
-7.6983

219.7800, 17.3635,
30.8879

8.9770, 21.7033,
-7.8728

236.8030, 8.9711,

4.7080, 12.9620,

15.9588

-4.1289

254.4130, 0.2894,
0.5148

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 64.1200, 72.4118,
61.2848

■ 78.8390, 65.1554,
55.3922

■ 93.2590, 58.0463,
48.8849

■ 107.9780, 50.7898,
42.9923

■ 122.6970, 43.5334,
37.0997

■ 138.0030, 35.9875,
30.6924

■ 152.4230, 28.8785,
24.1850

■ 167.1420, 21.6220,
18.2925

■ 181.8610, 14.3655,
12.3999

■ 196.2810, 7.2565,
5.8926

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



64.1200, 72.4118, 61.2848



77.7670, 27.7229, 115.0913

Triad

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



64.1200, 72.4118, 61.2848



82.0750, -40.4630, 51.6772



83.6130, 23.3618, -73.3286

Complementary

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



64.1200, 72.4118, 61.2848



146.8800, -72.4118, -61.2848

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.



71.4780, -15.5187, -62.6862



64.1200, 72.4118, 61.2848



77.2600, -38.0892, -9.8750

Square

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



64.1200, 72.4118, 61.2848



58.3050, -28.7444, 119.8815



64.5700, -31.8330, -56.6279



93.3200, 58.0162, -81.8416

Rectangle

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



64.1200, 72.4118, 61.2848



75.5690, 1.1985, 129.2970



64.5700, -31.8330, -56.6279



79.7200, 10.9840, -69.9144

Sweetspot

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



64.1200, 72.4118, 61.2848



202.0160, 26.1211, 21.9110



69.2530, 69.8813, -60.7349



95.9150, 15.8179, 13.2295



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.



64.1200, 72.4118, 61.2848



77.5080, 87.5036, 74.0995



83.9510, 48.8312, 111.4220



97.3470, 3.7729, 3.2037



51.1450, 57.6095, 48.9848



12.4480, 14.0761, 11.8851

Inverse Universe

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



71.8670, 2.5306, 122.0196



86.8470, 3.0334, 147.4702



127.0490, -48.8312, -111.4220



97.7450, 0.1257, 6.3626



57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 64.1200, 72.4118, 61.2848 looks on a white background.

Color Contrast Check

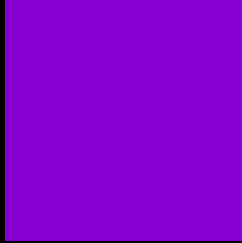
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.1200, 72.4118, 61.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

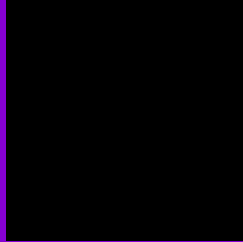
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1200, 72.4118, 61.2848

Background



This preview shows how black text looks on a background with the YUV color 64.1200, 72.4118, 61.2848.



This preview shows how white text looks on a background with the YUV color 64.1200, 72.4118,

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

71.9310, 54.7570, -63.0835

Deuteranopia

72.6030, 42.1007, -63.6728

Tritanopia

91.1700, -1.0698, 16.5139

Trichromacy



Protanomaly

68.9380, 61.1626, -17.4856

Deuteranomaly

69.4620, 53.0162, -17.9452

Tritanomaly

81.2670, 25.5044, 33.0918

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0160, 26.1211, 21.9110

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1200, 72.4118, 61.2848 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(134, 0, 211)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 211)  
}
```

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(134, 0, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 211) }
```

Border

The CSS property to change the border of an element to YUV 64.1200, 72.4118, 61.2848 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(134, 0, 211) }
```

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

```
.border{ border-color:rgb(134, 0, 211) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 211);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
211) }
```


Background

The CSS property to change the background color of an element to YUV 64.1200, 72.4118, 61.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 211) }
```

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

```
.background{ background-color: rgb(134, 0,  
211) }
```

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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