

Converting Colors

YUV(63.7120, 67.6830, 37.9636)

Have a look what the booklet for
YUV(63.7120, 67.6830, 37.9636)
contains.

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Color

**YUV(63.7120, 67.6830,
37.9636)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0FC9
RGB	107, 15, 201
RGB Percent	42%, 6%, 79%
CMY	0.5804, 0.9412, 0.2118
CMYK	0.47, 0.93, 0.00, 0.21
HSL	270°, 86%, 42%
HSV	270°, 93%, 79%
XYZ	16.7768, 7.6845, 55.8574
YIQ	63.7120, -4.8740, 77.3500

Conversions

Conversions Part 2

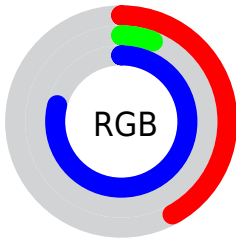
Format	Color
R_{YB}	107, 15, 201
Decimal	7016393
CIE _{Lab}	33.32, 67.90, -75.08
CIE _{LCh}	33, 101.227, 312.128
Yxy	7.6845, 0.2089, 0.0957
Android (android.graphics.Color)	4285206473 (0xFF6B0FC9)
YUV	63.7120, 67.6830, 37.9636
Hunter-Lab	27.7209, 59.5175, -100.0641

Details

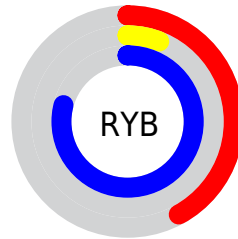
The YUV color **63.7120, 67.6830, 37.9636** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **152.2880, -67.6830, -37.9636**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3760, 63.9046, 36.5042**, and **28.4900, 57.4394, 10.0943** is the 20% darker color. If you saturate the color by 10%, you get **52.5150, 73.2031, 40.7673**, and if you desaturate by 10%, it is **78.4420, 60.4211, 33.8154**.

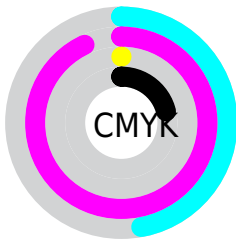
Distribution



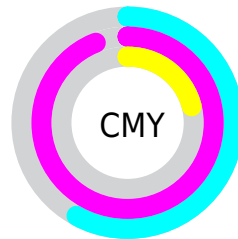
- Red (42%)
- Green (6%)
- Blue (79%)



- Red (42%)
- Yellow (6%)
- Blue (79%)



- Cyan (47%)
- Magenta (93%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (94%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7120, 67.6830, 37.9636 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 63.7120, 67.6830, 37.9636 by changing the saturation by 10% instead.

63.7120, 67.6830,
37.9636

63.7120, 67.6830,
37.9636

255.0000, 0.0000,
0.0000

42.4460, 64.3631,
29.4269

125.3760, 63.9046,
36.5042

28.4900, 57.4394,
10.0943

150.7820, 51.3795,
40.5332

13.5660, 51.9790,
-11.8974

175.6010, 39.1437,
45.0769

10.6020, 40.6222,
-9.2980

200.4090, 26.9134,
47.8763

12.4480, 27.3871,
-10.9169

217.4320, 18.5210,
32.9471


6.8910, 18.7877,
-6.0434


234.4550, 10.1287,


3.2090, 9.7570,


18.0180


-2.8143


 251.4780, 1.7363,
3.0888


 0.0000, 0.0000,
0.0000


 63.7120, 67.6830,
37.9636


 63.7120, 67.6830,
37.9636


 52.5150, 73.2031,
40.7673

 78.4420, 60.4211,
33.8154

 93.1720, 53.1592,
29.6672

 107.9020, 45.8973,
25.5189

 122.9310, 38.4880,
21.9855

 138.2480, 30.9367,
17.3225

■ 152.9780, 23.6748,
13.1743

■ 167.7080, 16.4130,
9.0261

■ 182.4380, 9.1511,
4.8779

■ 197.1680, 1.8892,
0.7297

Harmonies

Analogous

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



75.7220, 81.9751, -66.4082



63.7120, 67.6830, 37.9636



71.0320, 29.0712, 102.5809

Triad

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



63.7120, 67.6830, 37.9636



72.3510, -35.6690, 54.0662



74.2890, 18.0985, -65.1515

Complementary

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



63.7120, 67.6830, 37.9636



152.2880, -67.6830, -37.9636

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.



62.2680, -20.3451, -54.6090



63.7120, 67.6830, 37.9636



70.2160, -34.6165, -3.6974

Square

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



63.7120, 67.6830, 37.9636



54.4180, -26.8281, 111.8894



57.5260, -28.3603, -50.4503



83.6540, 51.4426, -73.3646

Rectangle

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



63.7120, 67.6830, 37.9636



69.7740, 3.5624, 117.7162



57.5260, -28.3603, -50.4503



70.5100, 6.1576, -61.8373

Sweetspot

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



63.7120, 67.6830, 37.9636



202.5590, 25.8534, 14.4188



92.5560, 53.4629, -68.0166



95.5940, 15.9762, 9.1261



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.



63.7120, 67.6830, 37.9636



66.7440, 92.8102, 51.9675



90.9210, 54.2689, 93.9083



92.2220, 3.3416, 1.5593



42.8010, 59.2581, 33.5005



9.4860, 13.0714, 7.4668

Inverse Universe

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



81.3300, 13.6413, 104.9506



90.9510, 18.7582, 143.8710



125.0790, -54.2689, -93.9083



93.2610, 0.8573, 5.0331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 63.7120, 67.6830, 37.9636 looks on a white background.

Color Contrast Check

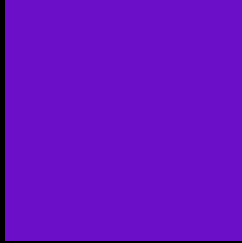
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.7120, 67.6830, 37.9636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

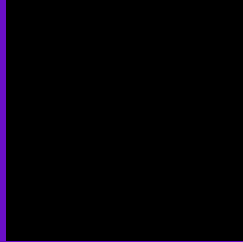
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7120, 67.6830, 37.9636

Background



This preview shows how black text looks on a background with the YUV color 63.7120, 67.6830, 37.9636.



This preview shows how white text looks on a background with the YUV color 63.7120, 67.6830,

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

63.7120, 67.6830, 37.9636

Protanopia

63.5530, 48.0414, -55.7360

Deuteranopia

63.8660, 36.5481, -56.0105



Tritanopia

79.3850, 2.7682, -1.2146

Trichromacy



Original Color

63.7120, 67.6830, 37.9636

Protanomaly

63.4230, 55.5005, -21.4190

Deuteranomaly

64.0610, 47.7909, -21.9785

Tritanomaly

73.9610, 26.1482, 13.1892

Monochromacy



Original Color

63.7120, 67.6830, 37.9636

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9180, 24.6904, 14.1039

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7120, 67.6830, 37.9636 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(107, 15, 201)` looks like.

```
.text, #text, p{  
    color:rgb(107, 15, 201)  
}
```

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(107, 15, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 15, 201) }
```

Border

The CSS property to change the border of an element to YUV 63.7120, 67.6830, 37.9636 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(107, 15, 201) }
```


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

```
.border{ border-color:rgb(107, 15, 201) }
```

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

Here you see how a box with a 4 pixel rgb(107, 15, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 15, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 15, 201);  
box-shadow:4px 4px 4px 4px rgb(107, 15,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 63.7120, 67.6830, 37.9636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 15, 201) }
```

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

```
.background{ background-color: rgb(107, 15,  
201) }
```

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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