

Converting Colors

YUV(63.7160, 64.7230, 7.2651)

Have a look what the booklet for
YUV(63.7160, 64.7230, 7.2651)
contains.

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Color

**YUV(63.7160, 64.7230,
7.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	4822C3
RGB	72, 34, 195
RGB Percent	28%, 13%, 76%
CMY	0.7176, 0.8667, 0.2353
CMYK	0.63, 0.83, 0.00, 0.24
HSL	254°, 70%, 45%
HSV	254°, 83%, 76%
XYZ	13.0948, 6.4619, 52.1869
YIQ	63.7160, -29.0330, 58.1270

Conversions

Conversions Part 2

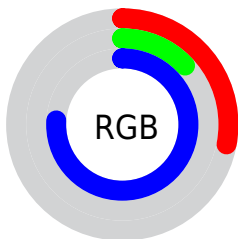
Format	Color
R_{YB}	72, 34, 195
Decimal	4727491
CIE _{Lab}	30.55, 57.60, -76.26
CIE _{LCh}	31, 95.568, 307.063
Yxy	6.4619, 0.1825, 0.0901
Android (android.graphics.Color)	4282917571 (0xFF4822C3)
YUV	63.7160, 64.7230, 7.2651
Hunter-Lab	25.4203, 47.4659, -103.9259

Details

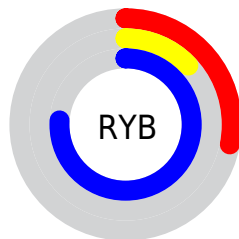
The YUV color **63.7160, 64.7230, 7.2651** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **165.2840, -64.7230, -7.2651**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6890, 65.7223, 13.4277**, and **15.9600, 61.1517, -13.9969** is the 20% darker color. If you saturate the color by 10%, you get **47.4910, 72.7219, 8.3394**, and if you desaturate by 10%, it is **79.3540, 57.0135, 6.7055**.

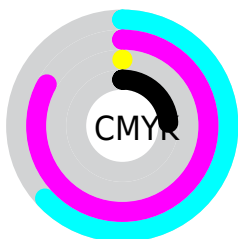
Distribution



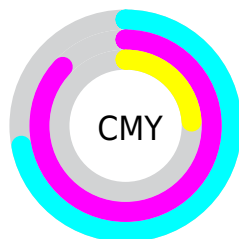
- Red (28%)
- Green (13%)
- Blue (76%)



- Red (28%)
- Yellow (13%)
- Blue (76%)



- Cyan (63%)
- Magenta (83%)
- Yellow (0%)
- Black (24%)



- Cyan (72%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7160, 64.7230, 7.2651 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 63.7160, 64.7230, 7.2651 by changing the saturation by 10% instead.

63.7160, 64.7230,
7.2651

63.7160, 64.7230,
7.2651

255.0000, 0.0000,
0.0000

29.4810, 67.7969,
1.3322

119.6890, 65.7223,
13.4277

15.9600, 61.1517,
-13.9969

144.4480, 54.5021,
18.9011

12.8820, 49.3582,
-11.2975

168.6800, 42.5558,
23.9596

10.0320, 38.4382,
-8.7981

194.0860, 30.0306,
27.9886

10.7040, 25.7819,
-9.3874

218.6060, 17.9422,
31.9175


6.3210, 16.6037,
-5.5435

235.6290, 9.5499,


2.6390, 7.5730,


16.9884


-2.3144


 252.6520, 1.1576,
2.0592


 0.0000, 0.0000,
0.0000


 63.7160, 64.7230,
7.2651


 63.7160, 64.7230,
7.2651


 47.4910, 72.7219,
8.3394


 79.3540, 57.0135,
6.7055

 35.9840, 78.3949,
8.7840

 95.5790, 49.0146,
5.6312

 111.2170, 41.3050,
5.0717

 127.4420, 33.3061,
3.9974

 143.3680, 25.4546,
2.3083

■ 159.0060, 17.7450,
1.7487

■ 175.2310, 9.7461,
0.6744

■ 190.8690, 2.0366,
0.1149

■ 206.5070, -5.6730,
-0.4446

Harmonies

Analogous

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



72.7240, 75.5651, -63.7789



63.7160, 64.7230, 7.2651



64.6820, 33.1878, 88.8559

Triad

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



63.7160, 64.7230, 7.2651



63.5350, -31.3228, 60.0438



66.4980, 11.0935, -58.3187

Complementary

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



63.7160, 64.7230, 7.2651



165.2840, -64.7230, -7.2651

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.



55.1780, -27.2028, -48.3911



63.7160, 64.7230, 7.2651



66.4390, -32.7544, 5.7540

Square

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



63.7160, 64.7230, 7.2651



52.0260, -25.6488, 106.9712



52.2430, -25.7558, -45.8171



76.1080, 42.8378, -66.7467

Rectangle

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



63.7160, 64.7230, 7.2651



65.3750, 8.6891, 106.6651



52.2430, -25.7558, -45.8171



62.8330, -0.4107, -55.1045

Sweetspot

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



63.7160, 64.7230, 7.2651



200.6670, 25.3072, 2.9230



124.5550, 34.7294, -79.4167



96.1370, 15.7085, 1.6339



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.



63.7160, 64.7230, 7.2651



49.0270, 100.0657, 11.3773



87.6360, 52.9305, 56.4472



88.7380, 4.0732, 0.2298



29.7160, 64.7230, 7.2651



6.1540, 13.2351, 1.6189

Inverse Universe

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



96.1610, 29.9936, 86.6818



99.1110, 46.2873, 134.0837



141.3640, -52.9305, -56.4472



90.9020, 2.0203, 5.3479



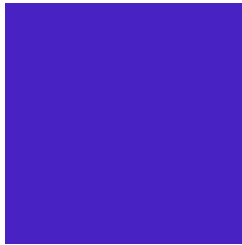
62.1610, 29.9936, 86.6818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 63.7160, 64.7230, 7.2651 looks on a white background.

Color Contrast Check

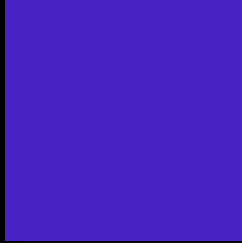
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.7160, 64.7230, 7.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

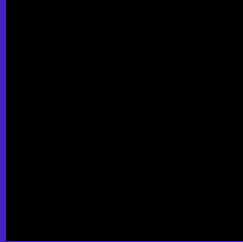
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7160, 64.7230, 7.2651

Background



This preview shows how black text looks on a background with the YUV color 63.7160, 64.7230, 7.2651.



This preview shows how white text looks on a background with the YUV color 63.7160, 64.7230,

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

63.7160, 64.7230, 7.2651

Protanopia

57.7340, 43.5151, -50.6327

Deuteranopia

57.6880, 33.1848, -50.5924



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

63.7160, 64.7230, 7.2651

Protanomaly

59.9290, 51.3070, -29.7557

Deuteranomaly

59.5070, 44.6130, -29.3856

Tritanomaly

59.1190, 32.9723, -29.0454

Monochromacy



Original Color

63.7160, 64.7230, 7.2651

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9120, 23.7074, 2.7082

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7160, 64.7230, 7.2651 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(72, 34, 195)` looks like.

```
.text, #text, p{  
    color:rgb(72, 34, 195)  
}
```

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(72, 34, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 34, 195) }
```

Border

The CSS property to change the border of an element to YUV 63.7160, 64.7230, 7.2651 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(72, 34, 195) }
```


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

```
.border{ border-color:rgb(72, 34, 195) }
```

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

Here you see how a box with a 4 pixel rgb(72, 34, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 34, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 34, 195);  
box-shadow:4px 4px 4px 4px rgb(72, 34,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 63.7160, 64.7230, 7.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 34, 195) }
```

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

```
.background{ background-color: rgb(72, 34,  
195) }
```

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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