

Converting Colors

YUV(75.6370, 64.7620, 41.5374)

Have a look what the booklet for
YUV(75.6370, 64.7620, 41.5374)
contains.

YUV(75.6370, 64.7620, 41.5374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(75.6370, 64.7620,
41.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	7B1ACF
RGB	123, 26, 207
RGB Percent	48%, 10%, 81%
CMY	0.5176, 0.8980, 0.1882
CMYK	0.41, 0.87, 0.00, 0.19
HSL	272°, 78%, 46%
HSV	272°, 87%, 81%
XYZ	19.8003, 9.4547, 59.8128
YIQ	75.6370, -0.2890, 76.8550

Conversions

Conversions Part 2

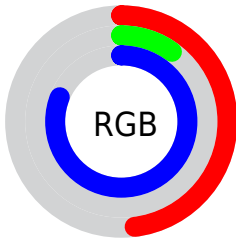
Format	Color
R_{YB}	123, 26, 207
Decimal	8067791
CIE _{Lab}	36.85, 68.62, -72.68
CIE _{LCh}	37, 99.959, 313.352
Yxy	9.4547, 0.2223, 0.1062
Android (android.graphics.Color)	4286257871 (0xFF7B1ACF)
YUV	75.6370, 64.7620, 41.5374
Hunter-Lab	30.7486, 61.1335, -93.8084

Details

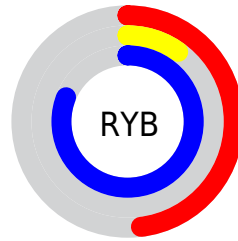
The YUV color **75.6370, 64.7620, 41.5374** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **157.3630, -64.7620, -41.5374**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5570, 59.3784, 41.6075**, and **35.4530, 56.9647, 22.4047** is the 20% darker color. If you saturate the color by 10%, you get **60.3200, 72.3132, 46.2004**, and if you desaturate by 10%, it is **90.9540, 57.2107, 36.8743**.

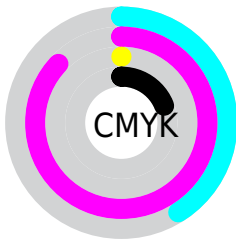
Distribution



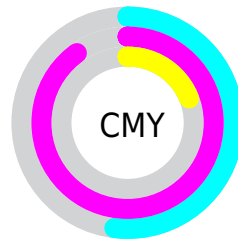
- Red (48%)
- Green (10%)
- Blue (81%)



- Red (48%)
- Yellow (10%)
- Blue (81%)



- Cyan (41%)
- Magenta (87%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (90%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6370, 64.7620, 41.5374 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 75.6370, 64.7620, 41.5374 by changing the saturation by 10% instead.

75.6370, 64.7620,
41.5374

75.6370, 64.7620,
41.5374

255.0000, 0.0000,
0.0000

48.2130, 64.4780,
39.2782

134.5570, 59.3784,
41.6075

35.4530, 56.9647,
22.4047

159.9630, 46.8532,
45.6364

20.7140, 50.9200,
1.1278

185.6680, 34.1807,
50.2802

11.2860, 43.2430,
-9.8978

205.6920, 24.3088,
43.2431

8.3220, 31.8863,
-7.2984

222.7150, 15.9165,
28.3139

8.0480, 20.6823,
-7.0581

239.7380, 7.5242,

3.7790, 11.9410,

13.3848

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 75.6370, 64.7620,
41.5374

■ 75.6370, 64.7620,
41.5374

■ 60.3200, 72.3132,
46.2004

■ 90.9540, 57.2107,
36.8743

■ 56.7870, 74.0550,
47.5448

■ 105.3850, 50.0962,
32.1114

■ 120.7020, 42.5449,
27.4483

■ 135.7200, 35.1410,
22.1706

■ 151.0370, 27.5898,
17.5076

■ 165.7670, 20.3279,
13.3593

■ 180.7850, 12.9240,
8.0816

■ 196.1020, 5.3727,
3.4185

■ 210.5330, -1.7418,
-1.3444

Harmonies

Analogous

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



80.6290, 83.0069, -70.7116



75.6370, 64.7620, 41.5374



74.8910, 29.6337, 108.8436

Triad

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



75.6370, 64.7620, 41.5374



80.6130, -39.7422, 53.8364



80.8260, 20.2988, -70.8844

Complementary

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



75.6370, 64.7620, 41.5374



157.3630, -64.7620, -41.5374

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.



69.7340, -17.1239, -61.1567



75.6370, 64.7620, 41.5374



77.5920, -38.2529, -4.0272

Square

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



75.6370, 64.7620, 41.5374



57.1090, -28.1547, 117.4224



62.8090, -30.9648, -55.0835



90.1910, 53.6428, -79.0975

Rectangle

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



75.6370, 64.7620, 41.5374



73.6330, 4.1249, 123.9789



62.8090, -30.9648, -55.0835



77.6340, 8.0684, -68.0850

Sweetspot

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



75.6370, 64.7620, 41.5374



206.9890, 23.6694, 14.9186



95.9420, 54.7516, -61.3391



98.8390, 14.3764, 8.9112



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.



75.6370, 64.7620, 41.5374



70.0330, 91.1887, 58.7301



100.0690, 49.7590, 93.7785



97.0480, 3.9203, 2.5889



46.0620, 60.1154, 38.5336



11.2520, 14.6658, 9.4260

Inverse Universe

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



89.6950, 10.0104, 102.8765



89.6970, 13.9534, 144.9707



132.9310, -49.7590, -93.7785



97.8590, 0.5625, 6.2627



59.1240, 9.3059, 95.4843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 75.6370, 64.7620, 41.5374 looks on a white background.

Color Contrast Check

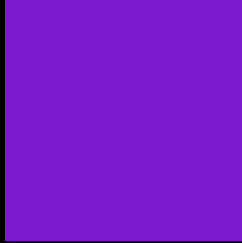
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.6370, 64.7620, 41.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

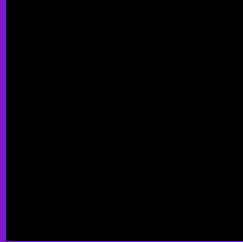
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6370, 64.7620, 41.5374

Background



This preview shows how black text looks on a background with the YUV color 75.6370, 64.7620, 41.5374.



This preview shows how white text looks on a background with the YUV color 75.6370, 64.7620,

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

75.6370, 64.7620, 41.5374

Protanopia

69.6000, 53.4412, -61.0392

Deuteranopia

70.2720, 40.7849, -61.6285



Tritanopia

88.2830, 0.8465, 8.5218

Trichromacy



Original Color

75.6370, 64.7620, 41.5374

Protanomaly

71.9820, 57.6899, -23.6632

Deuteranomaly

72.5060, 49.5435, -24.1228

Tritanomaly

83.5490, 24.3793, 20.5665

Monochromacy



Original Color

75.6370, 64.7620, 41.5374

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9890, 23.6694, 14.9186

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6370, 64.7620, 41.5374 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(123, 26, 207)` looks like.

```
.text, #text, p{  
    color:rgb(123, 26, 207)  
}
```

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(123, 26, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 26, 207) }
```

Border

The CSS property to change the border of an element to YUV 75.6370, 64.7620, 41.5374 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(123, 26, 207) }
```


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

```
.border{ border-color:rgb(123, 26, 207) }
```

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

Here you see how a box with a 4 pixel rgb(123, 26, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 26, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 26, 207);  
box-shadow:4px 4px 4px 4px rgb(123, 26,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 75.6370, 64.7620, 41.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 26, 207) }
```

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

```
.background{ background-color: rgb(123, 26,  
207) }
```

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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