

Converting Colors

YUV(75.1960, 60.5424, 88.4051)

Have a look what the booklet for
YUV(75.1960, 60.5424, 88.4051)
contains.

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Color

**YUV(75.1960, 60.5424,
88.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	B000C6
RGB	176, 0, 198
RGB Percent	69%, 0%, 78%
CMY	0.3098, 1.0000, 0.2235
CMYK	0.11, 1.00, 0.00, 0.22
HSL	293°, 100%, 39%
HSV	293°, 100%, 78%
XYZ	28.0975, 13.3073, 54.5137
YIQ	75.1960, 41.3380, 98.8900

Conversions

Conversions Part 2

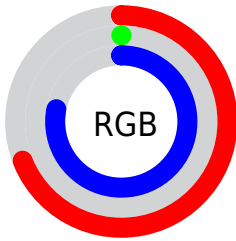
Format	Color
RYB	176, 0, 198
Decimal	11534534
CIELab	43.22, 77.81, -56.70
CIELCh	43, 96.277, 323.918
Yxy	13.3073, 0.2929, 0.1387
Android (android.graphics.Color)	4289724614 (0xFFB000C6)
YUV	75.1960, 60.5424, 88.4051
Hunter-Lab	36.4792, 73.6482, -63.0663

Details

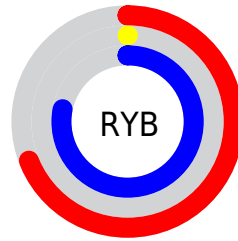
The YUV color **75.1960, 60.5424, 88.4051** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **122.8040, -60.5424, -88.4051**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7030, 51.4184, 74.8055**, and **51.5840, 45.0681, 58.2468** is the 20% darker color. If you saturate the color by 10%, you get **75.1960, 60.5424, 88.4051**, and if you desaturate by 10%, it is **87.5340, 54.4597, 79.3387**.

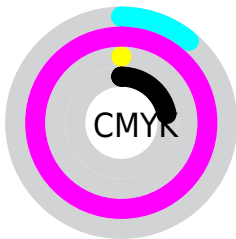
Distribution



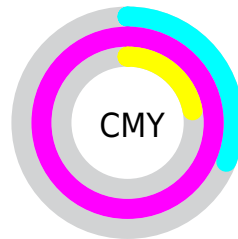
- Red (69%)
- Green (0%)
- Blue (78%)



- Red (69%)
- Yellow (0%)
- Blue (78%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1960, 60.5424, 88.4051 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 75.1960, 60.5424, 88.4051 by changing the saturation by 10% instead.

75.1960, 60.5424,
88.4051

75.1960, 60.5424,
88.4051

255.0000, 0.0000,
0.0000

63.3330, 52.5868,
73.3760

150.7030, 51.4184,
74.8055

51.5840, 45.0681,
58.2468

173.9940, 39.9360,
71.0423

39.9490, 37.9861,
43.0177

191.0170, 31.5436,
56.1131

28.9120, 30.6094,
29.0182

208.6270, 22.8619,
40.6691

16.9070, 24.6958,
12.3596

225.6500, 14.4696,
25.7400

4.9020, 18.7823,
-4.2991

243.2600, 5.7878,

3.0950, 9.3202,

10.2960

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 75.1960, 60.5424,
88.4051

■ 87.5340, 54.4597,
79.3387

■ 99.8720, 48.3771,
70.2723

■ 111.9220, 42.4365,
62.3354

■ 124.2600, 36.3538,
53.2690

■ 136.5980, 30.2712,
44.2026

■ 148.9360, 24.1886,
35.1361

■ 161.2740, 18.1059,
26.0697

■ 173.3240, 12.1653,
18.1329

■ 185.6620, 6.0826,
9.0664

Harmonies

Analogous

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



80.9710, 84.3173, -71.0116



75.1960, 60.5424, 88.4051



81.7810, 19.8280, 127.3571

Triad

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



75.1960, 60.5424, 88.4051



96.7390, -47.6923, 37.0629



96.4080, 34.3089, -84.5498

Complementary

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



75.1960, 60.5424, 88.4051



122.8040, -60.5424, -88.4051

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.



85.7720, -1.3666, -75.2220



75.1960, 60.5424, 88.4051



86.0320, -42.4138, -22.8301

Square

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



75.1960, 60.5424, 88.4051



84.7200, -41.7670, 96.7156



73.9620, -36.4633, -64.8647



102.8720, 64.1531, -90.2187

Rectangle

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



75.1960, 60.5424, 88.4051



77.3480, -3.6226, 135.6298



73.9620, -36.4633, -64.8647



93.3300, 22.5153, -81.8504

Sweetspot

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



75.1960, 60.5424, 88.4051



207.9960, 23.1730, 34.2065



36.0730, 79.8300, -31.6360



99.2040, 14.1964, 19.9921



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.



75.1960, 60.5424, 88.4051



96.9430, 77.9221, 114.0600



73.1100, 24.1028, 109.5285



93.4180, 2.7519, 4.0184



61.9370, 49.8241, 72.8463



13.6720, 11.0077, 16.0737

Inverse Universe

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



61.7100, -19.5770, 119.5263



79.4370, -25.3584, 153.9688



124.8900, -24.1028, -109.5285



92.8050, -0.8899, 5.4330



50.7890, -16.1650, 98.4090



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 75.1960, 60.5424, 88.4051 looks on a white background.

Color Contrast Check

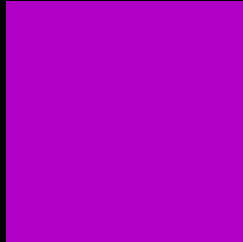
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 75.1960, 60.5424, 88.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

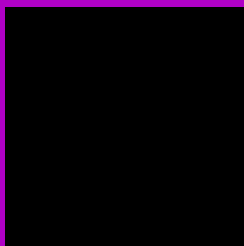
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1960, 60.5424, 88.4051

Background



This preview shows how black text looks on a background with the YUV color 75.1960, 60.5424, 88.4051.



This preview shows how white text looks on a background with the YUV color 75.1960, 60.5424,

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

83.4550, 63.3727, -73.1900

Deuteranopia

90.6020, 47.0312, -58.4100

Tritanopia

103.6860, -10.1982, 51.1414

Trichromacy



Protanomaly

80.3020, 62.4621, -14.2969

Deuteranomaly

84.6100, 51.9573, -4.9200

Tritanomaly

93.5330, 15.5132, 64.4306

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3440, 22.0154, 32.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1960, 60.5424, 88.4051 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(176, 0, 198)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 198)  
}
```

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(176, 0, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 198) }
```

Border

The CSS property to change the border of an element to YUV 75.1960, 60.5424, 88.4051 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(176, 0, 198) }
```

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

```
.border{ border-color:rgb(176, 0, 198) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 198);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
198) }
```


Background

The CSS property to change the background color of an element to YUV 75.1960, 60.5424, 88.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 198) }
```

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

```
.background{ background-color: rgb(176, 0,  
198) }
```

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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