

Converting Colors

YUV(48.9540, 73.9727, 27.2273)

Have a look what the booklet for
YUV(48.9540, 73.9727, 27.2273)
contains.

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Color

**YUV(48.9540, 73.9727,
27.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	5004C7
RGB	80, 4, 199
RGB Percent	31%, 2%, 78%
CMY	0.6863, 0.9843, 0.2196
CMYK	0.60, 0.98, 0.00, 0.22
HSL	263°, 96%, 40%
HSV	263°, 98%, 78%
XYZ	13.6605, 5.9158, 54.4547
YIQ	48.9540, -17.2990, 76.7570

Conversions

Conversions Part 2

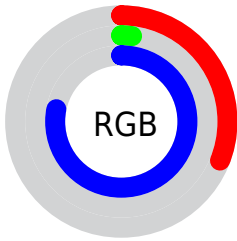
Format	Color
R_{YB}	80, 4, 199
Decimal	5244103
CIE _{Lab}	29.20, 67.08, -80.82
CIE _{LCh}	29, 105.036, 309.692
Yxy	5.9158, 0.1845, 0.0799
Android (android.graphics.Color)	4283434183 (0xFF5004C7)
YUV	48.9540, 73.9727, 27.2273
Hunter-Lab	24.3225, 57.6885, -115.7165

Details

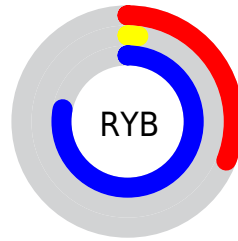
The YUV color **48.9540, 73.9727, 27.2273** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **154.0460, -73.9727, -27.2273**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8030, 69.6101, 26.4828**, and **16.3020, 62.4621, -14.2969** is the 20% darker color. If you saturate the color by 10%, you get **46.0080, 75.4251, 28.0570**, and if you desaturate by 10%, it is **64.2820, 66.4160, 24.3087**.

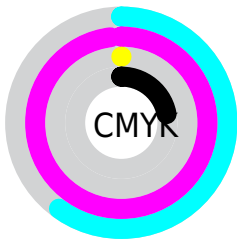
Distribution



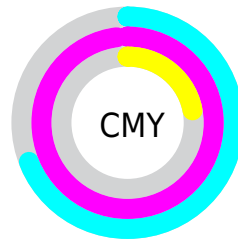
- Red (31%)
- Green (2%)
- Blue (78%)



- Red (31%)
- Yellow (2%)
- Blue (78%)



- Cyan (60%)
- Magenta (98%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9540, 73.9727, 27.2273 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 48.9540, 73.9727, 27.2273 by changing the saturation by 10% instead.

■ 48.9540, 73.9727,
27.2273

■ 48.9540, 73.9727,
27.2273

■ 255.0000, 0.0000,
0.0000

■ 32.0520, 68.5014,
8.7244

■ 113.8030, 69.6101,
26.4828

■ 16.3020, 62.4621,
-14.2969

■ 138.6220, 57.3744,
31.0265

■ 13.3380, 51.1054,
-11.6974

■ 163.7400, 44.9912,
36.1850

■ 10.3740, 39.7486,
-9.0980

■ 189.1460, 32.4660,
40.2140

■ 11.6330, 26.8029,
-10.2021

■ 211.5620, 21.4149,
38.0951


■ 6.6630, 17.9141,
-5.8435

■ 228.5850, 13.0226,


■ 2.9810, 8.8834,


23.1660


-2.6143


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 48.9540, 73.9727,
27.2273

 48.9540, 73.9727,
27.2273


 46.0080, 75.4251,
28.0570

 64.2820, 66.4160,
24.3087

 79.6100, 58.8593,
21.3900

 94.9380, 51.3026,
18.4714

 110.5650, 43.5985,
16.1675

 125.8930, 36.0418,
13.2488

■ 140.6340, 28.7744,
10.8450

■ 155.9620, 21.2177,
7.9263

■ 171.2900, 13.6610,
5.0077

■ 186.6180, 6.1043,
2.0890

Harmonies

Analogous

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



72.3310, 81.6748, -63.4343



48.9540, 73.9727, 27.2273



66.8030, 29.6771, 94.8888

Triad

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



48.9540, 73.9727, 27.2273



60.2790, -29.7175, 58.5143



65.4210, 14.5824, -57.3742

Complementary

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



48.9540, 73.9727, 27.2273



154.0460, -73.9727, -27.2273

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.



53.4170, -26.3346, -46.8467



48.9540, 73.9727, 27.2273



62.2640, -30.6962, -1.1085

Square

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



48.9540, 73.9727, 27.2273



52.0260, -25.6488, 106.9712



51.0690, -25.1770, -44.7875



76.3020, 48.6581, -66.9169

Rectangle

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



48.9540, 73.9727, 27.2273



66.4420, 3.7261, 111.8684



51.0690, -25.1770, -44.7875



62.1150, 1.9153, -54.4749

Sweetspot

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



48.9540, 73.9727, 27.2273



198.1070, 28.0482, 10.4302



96.6700, 50.4487, -81.2716



93.2130, 17.1500, 5.9522



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.



48.9540, 73.9727, 27.2273



58.6710, 96.7902, 35.3685



77.6580, 59.8216, 86.2459



91.9230, 3.4890, 0.9445



37.7180, 61.7640, 23.0493



8.2900, 13.6610, 5.0077

Inverse Universe

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



75.8710, 23.2346, 107.9841



94.0290, 30.5517, 141.1716



125.3420, -59.8216, -86.2459



93.3750, 1.2941, 4.9331



60.1370, 19.6525, 90.2109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 48.9540, 73.9727, 27.2273 looks on a white background.

Color Contrast Check

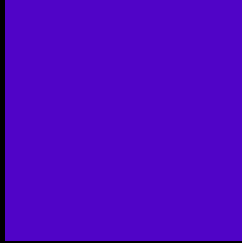
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9540, 73.9727, 27.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

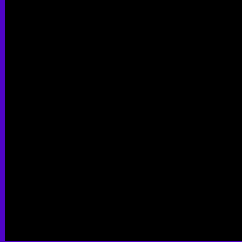
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.9540, 73.9727, 27.2273

Background



This preview shows how black text looks on a background with the YUV color 48.9540, 73.9727, 27.2273.



This preview shows how white text looks on a background with the YUV color 48.9540, 73.9727,

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

48.9540, 73.9727, 27.2273

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.7590, 32.1638, -49.7776



Tritanopia

62.2500, 10.7227, -32.6683

Trichromacy



Original Color

48.9540, 73.9727, 27.2273

Protanomaly

53.6680, 53.9007, -21.6338

Deuteranomaly

53.9470, 47.3541, -21.8785

Tritanomaly

57.1690, 33.9337, -10.6722

Monochromacy



Original Color

48.9540, 73.9727, 27.2273

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1670, 27.0327, 9.5005

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9540, 73.9727, 27.2273 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(80, 4, 199)` looks like.

```
.text, #text, p{  
    color:rgb(80, 4, 199)  
}
```

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(80, 4, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 4, 199) }
```

Border

The CSS property to change the border of an element to YUV 48.9540, 73.9727, 27.2273 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(80, 4, 199) }
```


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

```
.border{ border-color:rgb(80, 4, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 4, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 4, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 4, 199);  
box-shadow:4px 4px 4px 4px rgb(80, 4, 199)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.9540, 73.9727, 27.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 4, 199) }
```

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

```
.background{ background-color: rgb(80, 4,  
199) }
```

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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