

Converting Colors

YUV(69.5450, 84.5273, 48.6340)

Have a look what the booklet for
YUV(69.5450, 84.5273, 48.6340)
contains.

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Color

**YUV(69.5450, 84.5273,
48.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	7D08F1
RGB	125, 8, 241
RGB Percent	49%, 3%, 95%
CMY	0.5098, 0.9686, 0.0549
CMYK	0.48, 0.97, 0.00, 0.05
HSL	270°, 94%, 49%
HSV	270°, 97%, 95%
XYZ	24.4215, 10.8845, 84.0329
YIQ	69.5450, -5.0610, 97.2670

Conversions

Conversions Part 2

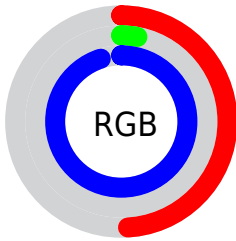
Format	Color
R_{YB}	125, 8, 241
Decimal	8194289
CIE _{Lab}	39.39, 79.14, -87.96
CIE _{LCh}	39, 118.323, 311.978
Yxy	10.8845, 0.2046, 0.0912
Android (android.graphics.Color)	4286384369 (0xFF7D08F1)
YUV	69.5450, 84.5273, 48.6340
Hunter-Lab	32.9917, 74.3958, -127.9229

Details

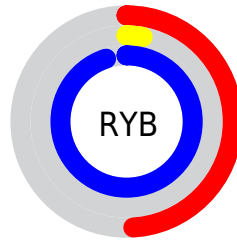
The YUV color **69.5450, 84.5273, 48.6340** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **179.4550, -84.5273, -48.6340**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0030, 59.6515, 47.3554**, and **37.3070, 71.8266, 15.5168** is the 20% darker color. If you saturate the color by 10%, you get **63.6530, 87.4321, 50.2933**, and if you desaturate by 10%, it is **87.2210, 75.8130, 43.6562**.

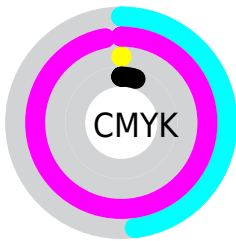
Distribution



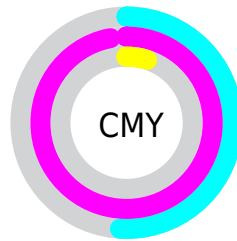
- Red (49%)
- Green (3%)
- Blue (95%)



- Red (49%)
- Yellow (3%)
- Blue (95%)



- Cyan (48%)
- Magenta (97%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (97%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5450, 84.5273, 48.6340 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 69.5450, 84.5273, 48.6340 by changing the saturation by 10% instead.

69.5450, 84.5273,
48.6340

69.5450, 84.5273,
48.6340

255.0000, 0.0000,
0.0000

51.6760, 79.0397,
35.3641

134.0030, 59.6515,
47.3554

37.3070, 71.8266,
15.5168

160.2950, 46.6896,
51.4843

17.6700, 67.7037,
-15.4966

186.5870, 33.7276,
55.6132

14.5920, 55.9101,
-12.7972

204.5180, 24.8876,
44.2727

11.6280, 44.5534,
-10.1978

222.1280, 16.2059,
28.8287

14.6480, 30.7395,
-12.8463

239.1510, 7.8136,

8.9770, 21.7033,

13.8996

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 69.5450, 84.5273,
48.6340

■ 69.5450, 84.5273,
48.6340

■ 63.6530, 87.4321,
50.2933

■ 87.2210, 75.8130,
43.6562

■ 104.8970, 67.0988,
38.6783

■ 122.5730, 58.3845,
33.7005

■ 140.2490, 49.6702,
28.7226

■ 158.5120, 40.6666,
23.2300

■ 176.1880, 31.9523,
18.2521

■ 193.8640, 23.2380,
13.2743

■ 211.5400, 14.5238,
8.2964

■ 229.2160, 5.8095,
3.3186

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



69.5450, 84.5273, 48.6340



84.6460, 34.6845, 122.2135

Triad

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



69.5450, 84.5273, 48.6340



84.5220, -41.6693, 65.3172



87.7220, 21.3361, -76.9322

Complementary

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



69.5450, 84.5273, 48.6340



179.4550, -84.5273, -48.6340

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.



73.5350, -25.4068, -64.4902



69.5450, 84.5273, 48.6340



82.8970, -40.8682, -5.1717

Square

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



69.5450, 84.5273, 48.6340



64.8830, -31.9873, 133.4066



68.0920, -33.5694, -59.7167



99.4980, 61.3795, -87.2597

Rectangle

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



69.5450, 84.5273, 48.6340



83.4440, 4.2181, 140.8076



68.0920, -33.5694, -59.7167



83.2590, 6.7743, -73.0181

Sweetspot

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



69.5450, 84.5273, 48.6340



200.4990, 26.8690, 15.3484



102.6540, 68.2046, -83.0116



94.7080, 16.4130, 9.0261



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.



69.5450, 84.5273, 48.6340



67.3420, 92.5154, 53.1971



104.2290, 67.4281, 119.9482



111.1620, 4.3571, 2.4889



48.4840, 66.8094, 38.1635



14.7560, 20.3333, 11.6150

Inverse Universe

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



90.8910, 16.3227, 131.6456



90.7230, 17.8846, 144.0709



144.7710, -67.4281, -119.9482



112.2720, 0.8519, 6.7775



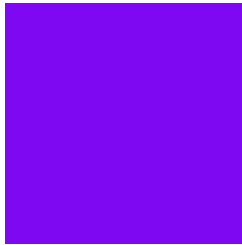
65.3900, 12.6257, 104.0210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 69.5450, 84.5273, 48.6340 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 69.5450, 84.5273, 48.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

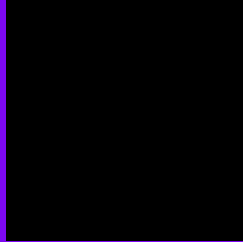
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5450, 84.5273, 48.6340

Background



This preview shows how black text looks on a background with the YUV color 69.5450, 84.5273, 48.6340.



This preview shows how white text looks on a background with the YUV color 69.5450, 84.5273,

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

69.5450, 84.5273, 48.6340

Protanopia

74.4900, 56.9464, -65.3277

Deuteranopia

74.9340, 43.4165, -65.7171



Tritanopia

93.1180, 4.3788, -4.4885

Trichromacy



Original Color

69.5450, 84.5273, 48.6340

Protanomaly

72.5010, 67.2940, -24.1184

Deuteranomaly

72.7970, 58.2741, -24.3780

Tritanomaly

84.6220, 33.7104, 14.3635

Monochromacy



Original Color

69.5450, 84.5273, 48.6340

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.5470, 30.7893, 17.9373

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5450, 84.5273, 48.6340 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(125, 8, 241)` looks like.

```
.text, #text, p{  
    color:rgb(125, 8, 241)  
}
```

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(125, 8, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 8, 241) }
```

Border

The CSS property to change the border of an element to YUV 69.5450, 84.5273, 48.6340 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(125, 8, 241) }
```


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

```
.border{ border-color:rgb(125, 8, 241) }
```

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

Here you see how a box with a 4 pixel rgb(125, 8, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 8, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 8, 241);  
box-shadow:4px 4px 4px 4px rgb(125, 8,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 69.5450, 84.5273, 48.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 8, 241) }
```

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

```
.background{ background-color: rgb(125, 8,  
241) }
```

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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