

Converting Colors

YUV(69.6700, 54.8857, 82.7274)

Have a look what the booklet for
YUV(69.6700, 54.8857, 82.7274)
contains.

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Color

**YUV(69.6700, 54.8857,
82.7274)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A400B5 |
| RGB | 164, 0, 181 |
| RGB Percent | 64%, 0%, 71% |
| CMY | 0.3569, 1.0000, 0.2902 |
| CMYK | 0.09, 1.00, 0.00, 0.29 |
| HSL | 294°, 100%, 35% |
| HSV | 294°, 100%, 71% |
| XYZ | 23.6503, 11.2287, 44.6369 |
| YIQ | 69.6700, 39.6430, 91.0590 |

Conversions

Conversions Part 2

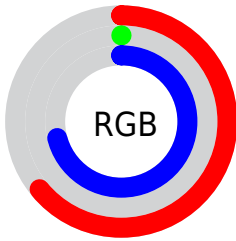
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 0, 181 |
| Decimal | 10748085 |
| CIELab | 39.96, 73.27, -52.09 |
| CIElCh | 40, 89.894, 324.591 |
| Yxy | 11.2287, 0.2974, 0.1412 |
| Android (android.graphics.Color) | 4288938165 (0xFFA400B5) |
| YUV | 69.6700, 54.8857, 82.7274 |
| Hunter-Lab | 33.5093, 67.3414, -55.5223 |

Details

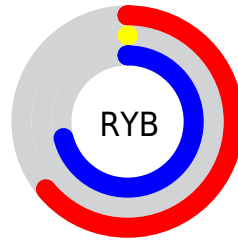
The YUV color **69.6700, 54.8857, 82.7274** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **111.3300, -54.8857, -82.7274**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.5300, 47.0667, 70.5722**, and **46.4710, 39.7008, 53.0839** is the 20% darker color. If you saturate the color by 10%, you get **69.6700, 54.8857, 82.7274**, and if you desaturate by 10%, it is **80.8340, 49.3818, 74.6906**.

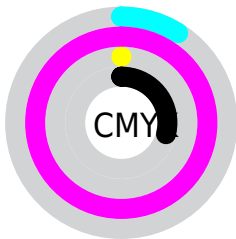
Distribution



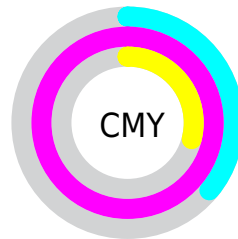
- Red (64%)
- Green (0%)
- Blue (71%)



- Red (64%)
- Yellow (0%)
- Blue (71%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6700, 54.8857, 82.7274 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 69.6700, 54.8857, 82.7274 by changing the saturation by 10% instead.

69.6700, 54.8857,
82.7274

69.6700, 54.8857,
82.7274

255.0000, 0.0000,
0.0000

57.9210, 47.3669,
67.5983

142.5300, 47.0667,
70.5722

46.4710, 39.7008,
53.0839

171.0480, 41.3883,
71.8719

35.1350, 32.4714,
38.4696

188.6690, 32.7012,
58.1723

24.9240, 25.6735,
25.4997

205.6920, 24.3088,
43.2431

12.3210, 20.0547,
7.6115

222.7150, 15.9165,
28.3139

4.5940, 12.5252,
-4.0289

240.3250, 7.2348,

0.1140, 0.4368,

12.8700

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 69.6700, 54.8857,
82.7274

■ 80.8340, 49.3818,
74.6906

■ 91.6990, 44.0254,
66.0390

■ 102.8630, 38.5215,
58.0021

■ 114.0270, 33.0177,
49.9653

■ 125.4790, 27.3719,
40.7989

■ 136.6430, 21.8680,
32.7621

■ 147.8070, 16.3641,
24.7253

■ 158.9710, 10.8603,
16.6884

■ 169.8360, 5.5039,
8.0368

Harmonies

Analogous

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



73.8810, 77.4597, -64.7936



69.6700, 54.8857, 82.7274



75.1450, 17.6765, 117.3908

Triad

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



69.6700, 54.8857, 82.7274



89.0420, -43.8977, 33.2892



89.1700, 31.9612, -78.2021

Complementary

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



69.6700, 54.8857, 82.7274



111.3300, -54.8857, -82.7274

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.



79.3320, -0.6567, -69.5742



69.6700, 54.8857, 82.7274



78.6560, -38.7774, -22.5003

Square

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



69.6700, 54.8857, 82.7274



79.3490, -39.1191, 87.3939



68.0920, -33.5694, -59.7167



95.0640, 59.6214, -83.3711

Rectangle

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



69.6700, 54.8857, 82.7274



71.1680, -4.0268, 125.2637



68.0920, -33.5694, -59.7167



86.4340, 21.4780, -75.8026

Sweetspot

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



69.6700, 54.8857, 82.7274



191.2300, 21.5786, 32.2473



31.2000, 73.8514, -27.3624



91.1500, 12.7440, 19.1624



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6700, 54.8857, 82.7274



90.4770, 71.2498, 107.4527



66.5450, 20.9303, 100.3770



83.4180, 2.7519, 4.0184



59.0030, 46.3405, 70.1574



9.8410, 7.9664, 11.5404

Inverse Universe

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



56.0570, -19.2551, 109.5750



72.7730, -25.0311, 142.2731



114.4550, -20.9303, -100.3770



82.8050, -0.8899, 5.4330



47.3430, -16.4381, 92.6612



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 69.6700, 54.8857, 82.7274 looks on a white background.

Color Contrast Check

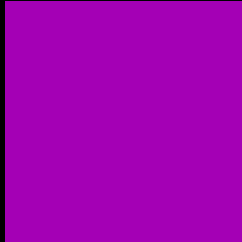
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.6700, 54.8857, 82.7274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

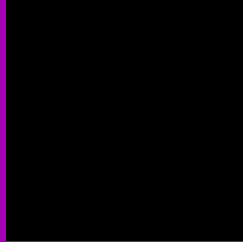
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.6700, 54.8857, 82.7274

Background



This preview shows how black text looks on a background with the YUV color 69.6700, 54.8857, 82.7274.



This preview shows how white text looks on a background with the YUV color 69.6700, 54.8857,

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

77.0490, 59.1358, -67.5720

Deuteranopia

86.4740, 41.1783, -47.7737

Tritanopia

95.4900, -9.6086, 48.6823

Trichromacy



Protanomaly

74.3470, 57.5099, -12.5823

Deuteranomaly

80.1500, 46.2681, -0.1315

Tritanomaly

86.0550, 13.7769, 61.3418

Monochromacy



Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0510, 19.6949, 29.7733

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6700, 54.8857, 82.7274 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(164, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 0, 181)  
}
```

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(164, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 0, 181) }
```

Border

The CSS property to change the border of an element to YUV 69.6700, 54.8857, 82.7274 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(164, 0, 181) }
```

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

```
.border{ border-color:rgb(164, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(164, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 0,  
181) }
```


Background

The CSS property to change the background color of an element to YUV 69.6700, 54.8857, 82.7274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 0, 181) }
```

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

```
.background{ background-color: rgb(164, 0,  
181) }
```

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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