

Converting Colors

YUV(83.9880, 52.2639, 36.8445)

Have a look what the booklet for
YUV(83.9880, 52.2639, 36.8445)
contains.

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Color

**YUV(83.9880, 52.2639,
36.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	7E2ABE
RGB	126, 42, 190
RGB Percent	49%, 16%, 75%
CMY	0.5059, 0.8353, 0.2549
CMYK	0.34, 0.78, 0.00, 0.25
HSL	274°, 64%, 45%
HSV	274°, 78%, 75%
XYZ	18.7264, 9.8093, 49.6216
YIQ	83.9880, 2.5560, 63.8360

Conversions

Conversions Part 2

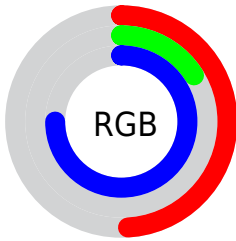
Format	Color
RYB	126, 42, 190
Decimal	8268478
CIELab	37.50, 60.35, -61.67
CIELCh	37, 86.287, 314.379
Yxy	9.8093, 0.2396, 0.1255
Android (android.graphics.Color)	4286458558 (0xFF7E2ABE)
YUV	83.9880, 52.2639, 36.8445
Hunter-Lab	31.3197, 51.9176, -72.0126

Details

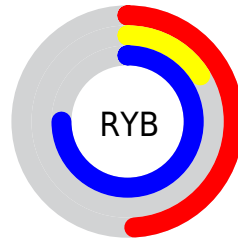
The YUV color **83.9880, 52.2639, 36.8445** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **148.0120, -52.2639, -36.8445**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1130, 52.6953, 38.4889**, and **36.0210, 48.7966, 28.9226** is the 20% darker color. If you saturate the color by 10%, you get **70.4430, 58.9416, 41.7075**, and if you desaturate by 10%, it is **97.5330, 45.5862, 31.9816**.

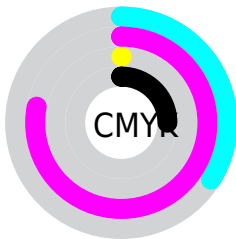
Distribution



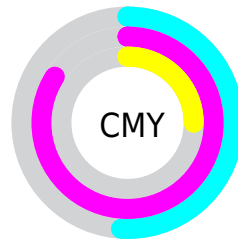
- Red (49%)
- Green (16%)
- Blue (75%)



- Red (49%)
- Yellow (16%)
- Blue (75%)



- Cyan (34%)
- Magenta (78%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (84%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9880, 52.2639, 36.8445 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 83.9880, 52.2639, 36.8445 by changing the saturation by 10% instead.

83.9880, 52.2639,
36.8445

83.9880, 52.2639,
36.8445

255.0000, 0.0000,
0.0000

50.1180, 55.1578,
41.9925

140.1130, 52.6953,
38.4889

36.0210, 48.7966,
28.9226

165.5450, 44.1013,
41.6180

23.4890, 42.1569,
11.8491

190.9510, 31.5762,
45.6470

9.5760, 36.6910,
-8.3982

210.3880, 21.9937,
39.1247

7.4270, 25.9185,
-6.5135

227.4110, 13.6014,
24.1956

5.3920, 15.5827,
-4.7288

244.4340, 5.2090,

2.0690, 5.3890,

9.2664

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 83.9880, 52.2639,
36.8445

■ 83.9880, 52.2639,
36.8445

■ 70.4430, 58.9416,
41.7075

■ 97.5330, 45.5862,
31.9816

■ 56.8980, 65.6193,
46.5705

■ 111.0780, 38.9085,
27.1186

■ 53.9520, 67.0717,
47.4001

■ 124.9220, 32.0835,
22.8704

■ 138.4670, 25.4058,
18.0074

■ 152.0120, 18.7281,
13.1445

■ 165.5570, 12.0504,
8.2815

■ 179.4010, 5.2253,
4.0333

■ 192.9460, -1.4524,
-0.8296

■ 206.4910, -8.1301,
-5.6926

Harmonies

Analogous

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



77.5340, 73.6867, -67.9973



83.9880, 52.2639, 36.8445



70.8040, 28.1976, 102.7809

Triad

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



83.9880, 52.2639, 36.8445



82.9390, -40.8889, 48.2885



80.7120, 19.8620, -70.7844

Complementary

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



83.9880, 52.2639, 36.8445



148.0120, -52.2639, -36.8445

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.



71.1020, -11.8823, -62.3565



83.9880, 52.2639, 36.8445



79.3750, -39.1319, -2.0829

Square

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



83.9880, 52.2639, 36.8445



54.7060, -26.9701, 110.7598



62.8090, -30.9648, -55.0835



88.1220, 48.2539, -77.2830

Rectangle

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



83.9880, 52.2639, 36.8445



69.7460, 6.0412, 115.9868



62.8090, -30.9648, -55.0835



77.9760, 9.3788, -68.3850

Sweetspot

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



83.9880, 52.2639, 36.8445



206.3650, 20.0331, 14.5889



96.4400, 46.1251, -47.7439



99.9700, 12.3398, 8.7963



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



83.9880, 52.2639, 36.8445



82.3890, 81.1532, 57.5408



101.9840, 38.4619, 77.1900



87.5210, 3.1941, 2.1741



44.9220, 55.7475, 39.5334



8.6170, 11.0348, 7.3519

Inverse Universe

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



93.5480, 6.1388, 84.5884



97.1700, 9.7762, 131.4009



130.0160, -38.4619, -77.1900



88.1470, 0.4205, 5.1331



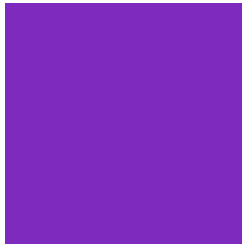
54.9940, 6.4120, 90.3363



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 83.9880, 52.2639, 36.8445 looks on a white background.

Color Contrast Check

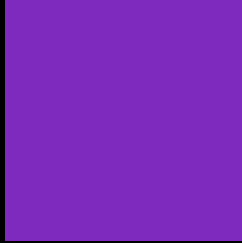
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.9880, 52.2639, 36.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

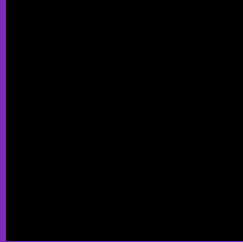
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9880, 52.2639, 36.8445

Background



This preview shows how black text looks on a background with the YUV color 83.9880, 52.2639, 36.8445.



This preview shows how white text looks on a background with the YUV color 83.9880, 52.2639,

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

83.9880, 52.2639, 36.8445

Protanopia

71.1160, 54.1728, -62.3687

Deuteranopia

71.3150, 42.2427, -62.5433



Tritanopia

90.1590, -1.0644, 14.7696

Trichromacy



Original Color

83.9880, 52.2639, 36.8445



Protanomaly

75.8200, 53.3327, -26.1521



Deuteranomaly

75.8710, 45.9126, -26.1969



Tritanomaly

87.6650, 18.4062, 23.0958

Monochromacy



Original Color

83.9880, 52.2639, 36.8445



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

84.1260, 19.1649, 13.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9880, 52.2639, 36.8445 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(126, 42, 190)` looks like.

```
.text, #text, p{  
    color:rgb(126, 42, 190)  
}
```

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(126, 42, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 42, 190) }
```

Border

The CSS property to change the border of an element to YUV 83.9880, 52.2639, 36.8445 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(126, 42, 190) }
```


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

```
.border{ border-color:rgb(126, 42, 190) }
```

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

Here you see how a box with a 4 pixel rgb(126, 42, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 42, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 42, 190);  
box-shadow:4px 4px 4px 4px rgb(126, 42,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 83.9880, 52.2639, 36.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 42, 190) }
```

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

```
.background{ background-color: rgb(126, 42,  
190) }
```

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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