

Converting Colors

YUV(82.7110, 72.6135, 43.2265)

Have a look what the booklet for
YUV(82.7110, 72.6135, 43.2265)
contains.

YUV(82.7110, 72.6135, 43.2265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.7110, 72.6135,
43.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	841DE6
RGB	132, 29, 230
RGB Percent	52%, 11%, 90%
CMY	0.4824, 0.8863, 0.0980
CMYK	0.43, 0.87, 0.00, 0.10
HSL	271°, 80%, 51%
HSV	271°, 87%, 90%
XYZ	24.2380, 11.4974, 75.8047
YIQ	82.7110, -3.1330, 84.3470

Conversions

Conversions Part 2

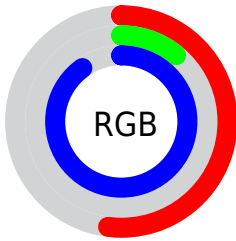
Format	Color
R_{YB}	132, 29, 230
Decimal	8658406
CIE _{Lab}	40.41, 73.94, -80.01
CIE _{LCh}	40, 108.943, 312.744
Yxy	11.4974, 0.2173, 0.1031
Android (android.graphics.Color)	4286848486 (0xFF841DE6)
YUV	82.7110, 72.6135, 43.2265
Hunter-Lab	33.9079, 68.2566, -108.8136

Details

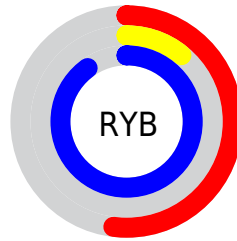
The YUV color **82.7110, 72.6135, 43.2265** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **176.2890, -72.6135, -43.2265**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7810, 56.3100, 45.7961**, and **40.0540, 65.5424, 24.5086** is the 20% darker color. If you saturate the color by 10%, you get **65.9210, 80.8909, 48.3043**, and if you desaturate by 10%, it is **99.5010, 64.3360, 38.1486**.

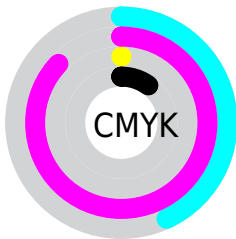
Distribution



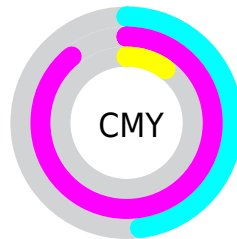
- Red (52%)
- Green (11%)
- Blue (90%)



- Red (52%)
- Yellow (11%)
- Blue (90%)



- Cyan (43%)
- Magenta (87%)
- Yellow (0%)
- Black (10%)



- Cyan (48%)
- Magenta (89%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7110, 72.6135, 43.2265 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 82.7110, 72.6135, 43.2265 by changing the saturation by 10% instead.

82.7110, 72.6135,
43.2265

82.7110, 72.6135,
43.2265

255.0000, 0.0000,
0.0000

53.1130, 72.9083,
41.9969

140.7810, 56.3100,
45.7961

40.0540, 65.5424,
24.5086

166.1870, 43.7848,
49.8250

24.6030, 59.3557,
2.1022

191.8920, 31.1122,
54.4687

13.5660, 51.9790,
-11.8974

209.2140, 22.5725,
40.1543

10.6020, 40.6222,
-9.2980

226.2370, 14.1802,
25.2252

11.8610, 27.6765,
-10.4021

243.2600, 5.7878,

6.8910, 18.7877,

10.2960

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 82.7110, 72.6135,
43.2265

■ 82.7110, 72.6135,
43.2265

■ 65.9210, 80.8909,
48.3043

■ 99.5010, 64.3360,
38.1486

■ 61.5020, 83.0695,
49.5487

■ 116.2910, 56.0585,
33.0708

■ 133.3800, 47.6337,
28.6077

■ 150.1700, 39.3562,
23.5299

■ 166.9600, 31.0787,
18.4521

■ 183.7500, 22.8012,
13.3742

■ 200.5400, 14.5238,
8.2964

■ 217.6290, 6.0989,
3.8334

■ 234.4190, -2.1786,
-1.2445

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



82.7110, 72.6135, 43.2265



82.5810, 33.2376, 119.6395

Triad

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



82.7110, 72.6135, 43.2265



88.0330, -43.4003, 60.4841



89.1240, 21.6309, -78.1617

Complementary

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



82.7110, 72.6135, 43.2265



176.2890, -72.6135, -43.2265

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.



76.1910, -20.3072, -66.8195



82.7110, 72.6135, 43.2265



85.2670, -42.0366, -3.7422

Square

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



82.7110, 72.6135, 43.2265



63.0890, -31.1029, 129.7179



69.2660, -34.1481, -60.7463



99.4010, 58.4693, -87.1747

Rectangle

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



82.7110, 72.6135, 43.2265



81.3510, 5.2500, 136.5042



69.2660, -34.1481, -60.7463



85.0030, 8.3795, -74.5476

Sweetspot

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



82.7110, 72.6135, 43.2265



206.6900, 23.8168, 14.3039



111.2010, 58.5679, -72.0903



98.5400, 14.5238, 8.2964



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.



82.7110, 72.6135, 43.2265



68.2390, 92.0732, 55.0414



112.0130, 58.1676, 103.4746



106.1620, 4.3571, 2.4889



47.6150, 64.7728, 38.0486



13.5880, 18.4441, 10.8853

Inverse Universe

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



100.2710, 13.1774, 113.7723



90.3810, 16.5742, 144.3709



146.9870, -58.1676, -103.4746



107.2720, 0.8519, 6.7775



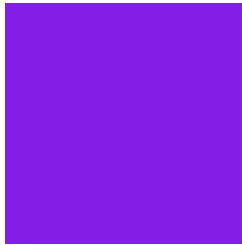
63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 82.7110, 72.6135, 43.2265 looks on a white background.

Color Contrast Check

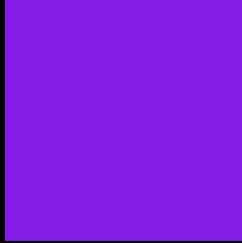
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.7110, 72.6135, 43.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

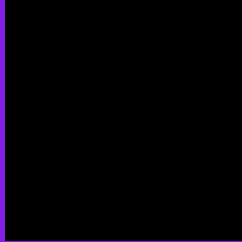
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7110, 72.6135, 43.2265

Background



This preview shows how black text looks on a background with the YUV color 82.7110, 72.6135, 43.2265.



This preview shows how white text looks on a background with the YUV color 82.7110, 72.6135,

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

82.7110, 72.6135, 43.2265

Protanopia

76.1200, 58.1148, -66.7572

Deuteranopia

76.5640, 44.5849, -67.1466



Tritanopia

96.4890, 1.7309, 4.8331

Trichromacy



Original Color

82.7110, 72.6135, 43.2265



Protanomaly

78.4530, 63.3737, -26.7073



Deuteranomaly

78.8630, 54.7905, -27.0669



Tritanomaly

91.6350, 27.2949, 18.7371

Monochromacy



Original Color

82.7110, 72.6135, 43.2265



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

82.6840, 26.2848, 16.0631

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7110, 72.6135, 43.2265 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(132, 29, 230)` looks like.

```
.text, #text, p{  
    color:rgb(132, 29, 230)  
}
```

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(132, 29, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 29, 230) }
```

Border

The CSS property to change the border of an element to YUV 82.7110, 72.6135, 43.2265 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(132, 29, 230) }
```


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

```
.border{ border-color:rgb(132, 29, 230) }
```

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

Here you see how a box with a 4 pixel rgb(132, 29, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 29, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 29, 230);  
box-shadow:4px 4px 4px 4px rgb(132, 29,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 82.7110, 72.6135, 43.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 29, 230) }
```

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

```
.background{ background-color: rgb(132, 29,  
230) }
```

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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