

Converting Colors

YUV(42.5880, 42.1081, 27.5483)

Have a look what the booklet for
YUV(42.5880, 42.1081, 27.5483)
contains.

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Color

**YUV(42.5880, 42.1081,
27.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0A80
RGB	74, 10, 128
RGB Percent	29%, 4%, 50%
CMY	0.7098, 0.9608, 0.4980
CMYK	0.42, 0.92, 0.00, 0.50
HSL	273°, 86%, 27%
HSV	273°, 92%, 50%
XYZ	6.8289, 3.2314, 20.6859
YIQ	42.5880, 0.2660, 50.2660

Conversions

Conversions Part 2

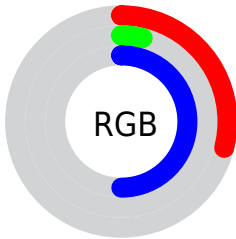
Format	Color
R _Y B	74, 10, 128
Decimal	4852352
CIE Lab	20.95, 48.60, -51.27
CIE LCh	21, 70.647, 313.470
Yxy	3.2314, 0.2221, 0.1051
Android (android.graphics.Color)	4283042432 (0xFF4A0A80)
YUV	42.5880, 42.1081, 27.5483
Hunter-Lab	17.9762, 36.3508, -55.6438

Details

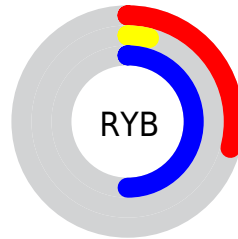
The YUV color **42.5880, 42.1081, 27.5483** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **95.4120, -42.1081, -27.5483**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4740, 41.6713, 27.6483**, and **15.1710, 30.9747, 5.1120** is the 20% darker color. If you saturate the color by 10%, you get **35.2230, 45.7391, 29.6224**, and if you desaturate by 10%, it is **52.0130, 37.4616, 24.5446**.

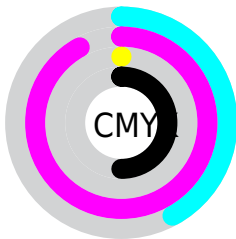
Distribution



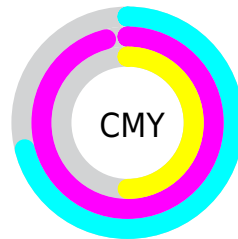
- Red (29%)
- Green (4%)
- Blue (50%)



- Red (29%)
- Yellow (4%)
- Blue (50%)



- Cyan (42%)
- Magenta (92%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (96%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5880, 42.1081, 27.5483 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 42.5880, 42.1081, 27.5483 by changing the saturation by 10% instead.

■ 42.5880, 42.1081,
27.5483

■ 42.5880, 42.1081,
27.5483

■ 255.0000, 0.0000,
0.0000

■ 25.3820, 37.7727,
18.0820

■ 97.4740, 41.6713,
27.6483

■ 15.1710, 30.9747,
5.1120

■ 124.0010, 42.3975,
28.0631

■ 6.1560, 23.5871,
-5.3988

■ 151.1260, 42.8289,
29.7075

■ 4.7080, 12.9620,
-4.1289

■ 177.5840, 38.1661,
31.9368

■ 0.3420, 1.3104,
-0.2999


■ 202.1040, 26.0777,
35.8658


■ 0.0000, 0.0000,
0.0000


■ 222.1280, 16.2059,


28.8287


 238.5640, 8.1029,
14.4144


 42.5880, 42.1081,
27.5483


 42.5880, 42.1081,
27.5483


 35.2230, 45.7391,
29.6224

 52.0130, 37.4616,
24.5446

 61.4380, 32.8151,
21.5409

 70.2760, 28.4579,
19.0519

 79.4020, 23.9588,
15.4334

 88.8270, 19.3123,
12.4297

■ 98.2520, 14.6658,
9.4260

■ 107.6770, 10.0192,
6.4223

■ 116.5150, 5.6621,
3.9333

■ 125.9400, 1.0156,
0.9296

Harmonies

Analogous

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



48.1940, 52.6554, -42.2661



42.5880, 42.1081, 27.5483



46.0110, 17.2496, 67.5194

Triad

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



42.5880, 42.1081, 27.5483



47.4330, -23.3845, 33.8233



48.3520, 12.6445, -42.4047

Complementary

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



42.5880, 42.1081, 27.5483



95.4120, -42.1081, -27.5483

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.



41.2670, -11.9636, -36.1912



42.5880, 42.1081, 27.5483



45.1310, -22.2496, -3.6229

Square

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



42.5880, 42.1081, 27.5483



35.2820, -17.3940, 72.5437



37.5680, -18.5210, -32.9471



54.5250, 33.7582, -47.8184

Rectangle

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



42.5880, 42.1081, 27.5483



45.1250, 0.9244, 77.0664



37.5680, -18.5210, -32.9471



46.1860, 4.3453, -40.5051

Sweetspot

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



42.5880, 42.1081, 27.5483



132.1320, 16.6969, 11.2852



55.7370, 35.6257, -40.1113



63.6770, 10.0192, 6.4223



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



42.5880, 42.1081, 27.5483



45.8340, 59.2418, 38.7336



58.2780, 32.4009, 61.1462



58.9940, 2.4680, 1.7593



35.2230, 45.7391, 29.6224



0.0000, 0.0000, 0.0000

Inverse Universe

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



51.4380, 6.1931, 67.1449



58.2980, 8.7271, 94.4547



79.7220, -32.4009, -61.1462



59.4350, 0.2785, 4.0035



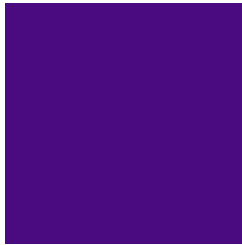
44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 42.5880, 42.1081, 27.5483 looks on a white background.

Color Contrast Check

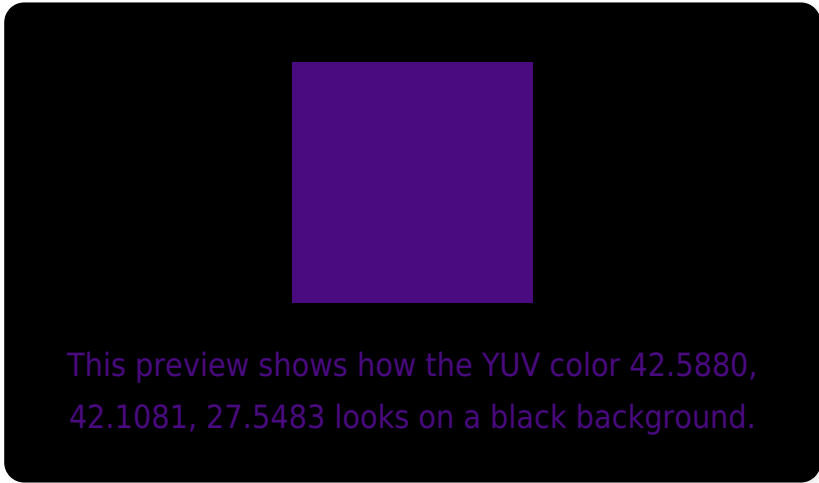
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 42.5880, 42.1081, 27.5483

Background



This preview shows how black text looks on a background with the YUV color 42.5880, 42.1081, 27.5483.



This preview shows how white text looks on a background with the YUV color 42.5880, 42.1081,

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

42.5880, 42.1081, 27.5483

Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.1860, 24.5583, -36.9971



Tritanopia

52.8480, 0.5679, 4.5183

Trichromacy



Original Color

42.5880, 42.1081, 27.5483

Protanomaly

42.3150, 35.8337, -13.4313

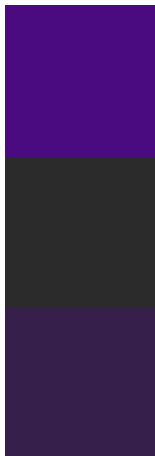
Deuteranomaly

42.3490, 30.8869, -13.4611

Tritanomaly

48.9150, 15.8179, 13.2295

Monochromacy



Original Color

42.5880, 42.1081, 27.5483

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7790, 15.3920, 9.8408

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5880, 42.1081, 27.5483 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(74, 10, 128)` looks like.

```
.text, #text, p{  
    color:rgb(74, 10, 128)  
}
```

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(74, 10, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 10, 128) }
```

Border

The CSS property to change the border of an element to YUV 42.5880, 42.1081, 27.5483 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(74, 10, 128) }
```


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

```
.border{ border-color:rgb(74, 10, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 10, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 10, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 10, 128);  
box-shadow:4px 4px 4px 4px rgb(74, 10,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 42.5880, 42.1081, 27.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 10, 128) }
```

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

```
.background{ background-color: rgb(74, 10,  
128) }
```

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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