

Converting Colors

YUV(42.9930, 44.3735, 0.8831)

Have a look what the booklet for
YUV(42.9930, 44.3735, 0.8831)
contains.

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Color

**YUV(42.9930, 44.3735,
0.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	2C1985
RGB	44, 25, 133
RGB Percent	17%, 10%, 52%
CMY	0.8275, 0.9020, 0.4784
CMYK	0.67, 0.81, 0.00, 0.48
HSL	251°, 68%, 31%
HSV	251°, 81%, 52%
XYZ	5.6200, 2.9242, 22.4585
YIQ	42.9930, -23.3440, 37.6160

Conversions

Conversions Part 2

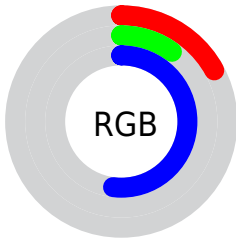
Format	Color
R_{YB}	44, 25, 133
Decimal	2890117
CIE _{Lab}	19.74, 40.75, -56.55
CIE _{LCh}	20, 69.704, 305.775
Yxy	2.9242, 0.1813, 0.0943
Android (android.graphics.Color)	4281080197 (0xFF2C1985)
YUV	42.9930, 44.3735, 0.8831
Hunter-Lab	17.1003, 28.7383, -65.8980

Details

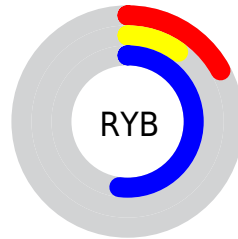
The YUV color **42.9930, 44.3735, 0.8831** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **115.0070, -44.3735, -0.8831**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3790, 45.6622, 7.5606**, and **9.3480, 35.8174, -8.1982** is the 20% darker color. If you saturate the color by 10%, you get **32.0730, 49.7570, 0.8130**, and if you desaturate by 10%, it is **53.9130, 38.9899, 0.9533**.

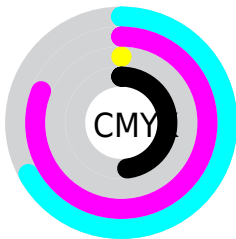
Distribution



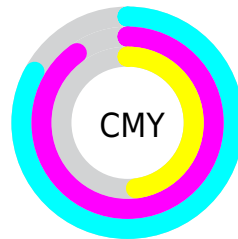
- Red (17%)
- Green (10%)
- Blue (52%)



- Red (17%)
- Yellow (10%)
- Blue (52%)



- Cyan (67%)
- Magenta (81%)
- Yellow (0%)
- Black (48%)



- Cyan (83%)
- Magenta (90%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9930, 44.3735, 0.8831 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 42.9930, 44.3735, 0.8831 by changing the saturation by 10% instead.

■ 42.9930, 44.3735,
0.8831

■ 42.9930, 44.3735,
0.8831

■ 255.0000, 0.0000,
0.0000

■ 13.3720, 46.1586,
-11.7272

■ 94.3790, 45.6622,
7.5606

■ 9.3480, 35.8174,
-8.1982

■ 120.6180, 46.5303,
9.1050

■ 9.5470, 23.8873,
-8.3727

■ 146.9710, 47.8353,
10.5494

■ 5.1640, 14.7091,
-4.5288

■ 172.1580, 40.8411,
13.8934

■ 1.2540, 4.8048,
-1.0998

■ 196.6780, 28.7527,
17.8224

■ 0.0000, 0.0000,
0.0000

■ 222.0840, 16.2276,

21.8513

240.9120, 6.9454,
12.3552

42.9930, 44.3735,
0.8831

42.9930, 44.3735,
0.8831

32.0730, 49.7570,
0.8130

53.9130, 38.9899,
0.9533

22.0390, 54.7038,
0.8428

65.4200, 33.3169,
0.5087

76.3400, 27.9334,
0.5788

87.2600, 22.5498,
0.6490

98.7670, 16.8769,
0.2043

■ 109.6870, 11.4933,
0.2745

■ 120.6070, 6.1097,
0.3447

■ 131.5270, 0.7262,
0.4148

■ 143.0340, -4.9468,
-0.0298

Harmonies

Analogous

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



49.1400, 51.2030, -43.0958



42.9930, 44.3735, 0.8831



43.5630, 23.3864, 59.1422

Triad

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



42.9930, 44.3735, 0.8831



41.8840, -20.6488, 43.0747



44.6530, 6.0871, -39.1607

Complementary

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



42.9930, 44.3735, 0.8831



115.0070, -44.3735, -0.8831

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.



36.9810, -18.2316, -32.4323



42.9930, 44.3735, 0.8831



44.5990, -21.9873, 5.6137

Square

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



42.9930, 44.3735, 0.8831



35.5810, -17.5414, 73.1585



34.6330, -17.0741, -30.3731



51.0540, 28.0744, -44.7744

Rectangle

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



42.9930, 44.3735, 0.8831



44.1720, 6.3242, 71.7632



34.6330, -17.0741, -30.3731



42.6010, -1.7753, -37.3611

Sweetspot

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



42.9930, 44.3735, 0.8831



138.7670, 16.8769, 0.2043



90.1420, 21.1290, -57.1295



66.0460, 10.3303, -0.0403



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



42.9930, 44.3735, 0.8831



33.1220, 68.9599, 1.6470



58.8400, 36.5609, 33.4663



60.9830, 2.4734, 0.0149



21.6970, 53.3934, 1.1427



0.3420, 1.3104, -0.2999

Inverse Universe

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



67.4380, 22.9551, 57.4979



71.0780, 35.9505, 89.3856



99.1600, -36.5609, -33.4663



62.3640, 1.2995, 3.1888



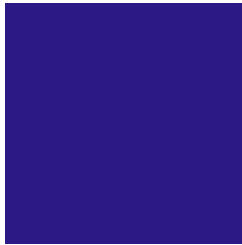
51.0680, 27.5745, 69.2234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 42.9930, 44.3735, 0.8831 looks on a white background.

Color Contrast Check

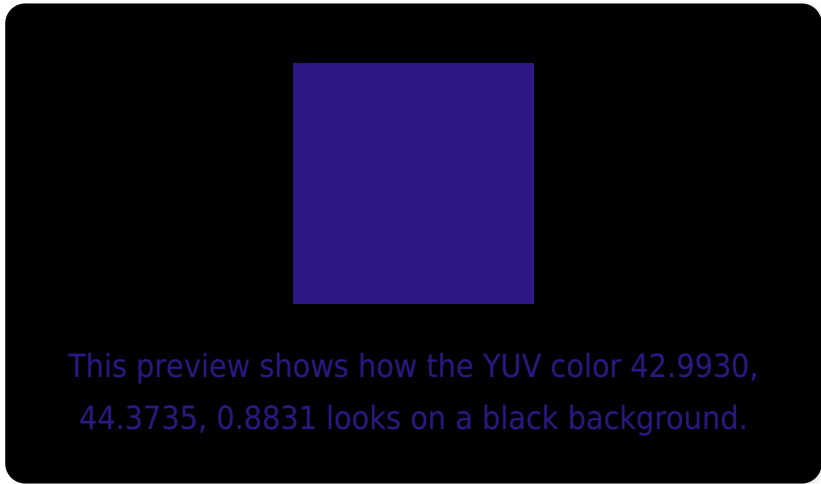
Large Text (above 18pt) WCAG AA ✓ Pass

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

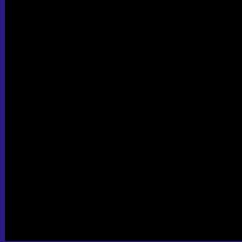
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.9930, 44.3735, 0.8831

Background



This preview shows how black text looks on a background with the YUV color 42.9930, 44.3735, 0.8831.



This preview shows how white text looks on a background with the YUV color 42.9930, 44.3735,

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

42.9930, 44.3735, 0.8831

Protanopia

38.8750, 29.6416, -34.0934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

42.9930, 44.3735, 0.8831

Protanomaly

40.3310, 34.8398, -21.3383

Deuteranomaly

40.4790, 30.3299, -21.4681

Tritanomaly

39.7150, 22.3255, -20.7981

Monochromacy



Original Color

42.9930, 44.3735, 0.8831

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6530, 16.4401, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9930, 44.3735, 0.8831 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(44, 25, 133)` looks like.

```
.text, #text, p{  
    color:rgb(44, 25, 133)  
}
```

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(44, 25, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 25, 133) }
```

Border

The CSS property to change the border of an element to YUV 42.9930, 44.3735, 0.8831 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(44, 25, 133) }
```


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

```
.border{ border-color:rgb(44, 25, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 25, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 25, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 25, 133);  
box-shadow:4px 4px 4px 4px rgb(44, 25,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 42.9930, 44.3735, 0.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 25, 133) }
```

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

```
.background{ background-color: rgb(44, 25,  
133) }
```

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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