

Converting Colors

YUV(44.9630, 33.0492, -6.9836)

Have a look what the booklet for
YUV(44.9630, 33.0492, -6.9836)
contains.

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Color

**YUV(44.9630, 33.0492,
-6.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	252470
RGB	37, 36, 112
RGB Percent	15%, 14%, 44%
CMY	0.8549, 0.8588, 0.5608
CMYK	0.67, 0.68, 0.00, 0.56
HSL	241°, 51%, 29%
HSV	241°, 68%, 44%
XYZ	4.3185, 2.8249, 15.6469
YIQ	44.9630, -23.8000, 23.8480

Conversions

Conversions Part 2

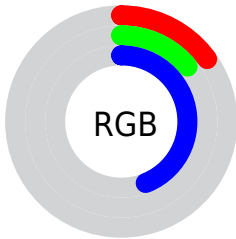
Format	Color
R _Y B	37, 36, 112
Decimal	2434160
CIE Lab	19.33, 26.14, -43.85
CIE LCh	19, 51.046, 300.800
Yxy	2.8249, 0.1895, 0.1240
Android (android.graphics.Color)	4280624240 (0xFF252470)
YUV	44.9630, 33.0492, -6.9836
Hunter-Lab	16.8075, 16.4500, -43.4306

Details

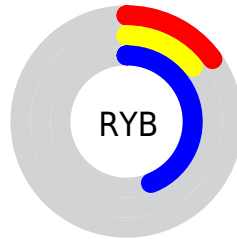
The YUV color **44.9630, 33.0492, -6.9836** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **103.0370, -33.0492, 6.9836**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8650, 35.0696, -1.6356**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **35.2170, 37.8540, -8.0833**, and if you desaturate by 10%, it is **54.7090, 28.2445, -5.8838**.

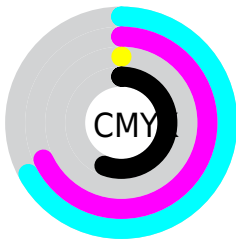
Distribution



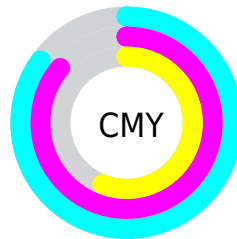
- Red (15%)
- Green (14%)
- Blue (44%)



- Red (15%)
- Yellow (14%)
- Blue (44%)



- Cyan (67%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.9630, 33.0492, -6.9836 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 44.9630, 33.0492, -6.9836 by changing the saturation by 10% instead.

■ 44.9630, 33.0492,
-6.9836

■ 44.9630, 33.0492,
-6.9836

■ 255.0000, 0.0000,
0.0000

■ 19.3100, 33.3712,
-16.9349

■ 93.8650, 35.0696,
-1.6356

■ 7.1820, 27.5183,
-6.2986

■ 119.1040, 35.9377,
-0.0912

■ 6.3210, 16.6037,
-5.5435

■ 145.6310, 36.6639,
0.3236

■ 2.6390, 7.5730,
-2.3144

■ 172.5710, 37.6795,
1.2532

■ 0.0000, 0.0000,
0.0000

■ 197.4760, 28.3593,
3.9675

■ 221.9960, 16.2710,

7.8965

246.1950, 4.3409,
7.7220

44.9630, 33.0492,
-6.9836

44.9630, 33.0492,
-6.9836

35.2170, 37.8540,
-8.0833

54.7090, 28.2445,
-5.8838

25.4710, 42.6588,
-9.1831

64.4550, 23.4397,
-4.7840

15.1380, 47.7530,
-9.7680

74.7880, 18.3455,
-4.1991

13.0670, 48.7740,
-10.5828

84.5340, 13.5407,
-3.0993

94.2800, 8.7360,
-1.9996

■ 104.0260, 3.9312,
-0.8998

■ 113.7720, -0.8736,
0.2000

■ 124.1050, -5.9678,
0.7849

■ 133.8510,
-10.7725, 1.8847

Harmonies

Analogous

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



44.5460, 38.6778, -39.0668



44.9630, 33.0492, -6.9836



37.0730, 23.1350, 46.4170

Triad

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



44.9630, 33.0492, -6.9836



42.7370, -21.0693, 37.9417



41.1650, 2.8767, -36.1017

Complementary

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



44.9630, 33.0492, -6.9836



103.0370, -33.0492, 6.9836

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.



34.9750, -15.7637, -30.6731



44.9630, 33.0492, -6.9836



44.3440, -21.8616, 11.9763

Square

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



44.9630, 33.0492, -6.9836



32.4210, -11.5466, 63.6518



37.6670, -18.5698, -17.2480



45.3830, 19.0382, -39.8009

Rectangle

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



44.9630, 33.0492, -6.9836



37.9360, 10.8776, 57.9381



37.6670, -18.5698, -17.2480



39.6830, -2.8017, -34.8020

Sweetspot

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



44.9630, 33.0492, -6.9836



119.6050, 12.5197, -2.2846



89.2760, 11.2029, -46.7231



58.0520, 7.8624, -1.7996



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



44.9630, 33.0492, -6.9836



41.6370, 50.9580, -11.0826



56.0260, 27.5952, 15.7632



50.9830, 2.4734, 0.0149



14.2780, 52.1209, -10.7678



29.0550, 107.4469, -22.8502

Inverse Universe

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



67.2740, 21.5569, 39.2247



76.2070, 33.4219, 60.3315



91.9740, -27.5952, -15.7632



52.4780, 1.7363, 3.0888



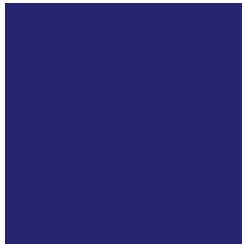
49.3320, 33.8533, 61.9758



101.6690, 70.1692, 127.4553

Previews

White Background



This preview shows how the YUV color 44.9630, 33.0492, -6.9836 looks on a white background.

Color Contrast Check

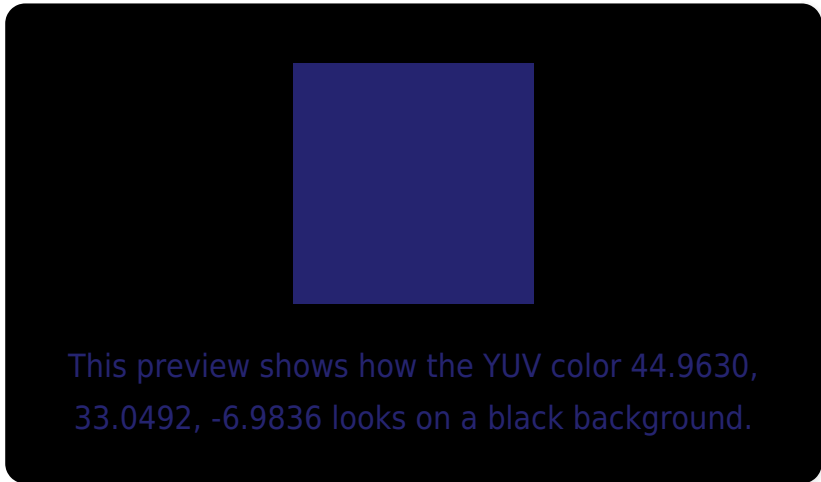
Large Text (above 18pt) WCAG AA ✓ Pass

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

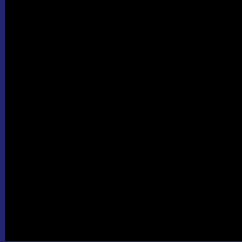
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.9630, 33.0492, -6.9836

Background



This preview shows how black text looks on a background with the YUV color 44.9630, 33.0492, -6.9836.



This preview shows how white text looks on a background with the YUV color 44.9630, 33.0492, -6.9836.

-6.9836.

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

44.9630, 33.0492, -6.9836

Protanopia

37.9460, 28.6206, -33.2786

Deuteranopia

38.1110, 21.6373, -33.4233



Tritanopia

36.9080, 9.4124, -32.3683

Trichromacy



Original Color

44.9630, 33.0492, -6.9836

Protanomaly

40.1690, 30.4827, -23.8272

Deuteranomaly

40.3170, 25.9727, -23.9570

Tritanomaly

39.5530, 17.9684, -23.2870

Monochromacy



Original Color

44.9630, 33.0492, -6.9836

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0780, 11.7935, -2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9630, 33.0492, -6.9836 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(37, 36, 112)` looks like.

```
.text, #text, p{  
    color:rgb(37, 36, 112)  
}
```

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(37, 36, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 36, 112) }
```

Border

The CSS property to change the border of an element to YUV 44.9630, 33.0492, -6.9836 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(37, 36, 112) }
```


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

```
.border{ border-color:rgb(37, 36, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 36, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 36, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 36, 112);  
box-shadow:4px 4px 4px 4px rgb(37, 36,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 44.9630, 33.0492, -6.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 36, 112) }
```

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

```
.background{ background-color: rgb(37, 36,  
112) }
```

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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