

Converting Colors

YUV(33.5450, 40.6503, 28.4630)

Have a look what the booklet for
YUV(33.5450, 40.6503, 28.4630)
contains.

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Color

**YUV(33.5450, 40.6503,
28.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	420174
RGB	66, 1, 116
RGB Percent	26%, 0%, 45%
CMY	0.7412, 0.9961, 0.5451
CMYK	0.43, 0.99, 0.00, 0.55
HSL	274°, 98%, 23%
HSV	274°, 99%, 45%
XYZ	5.4100, 2.4409, 16.7090
YIQ	33.5450, 1.8250, 49.5450

Conversions

Conversions Part 2

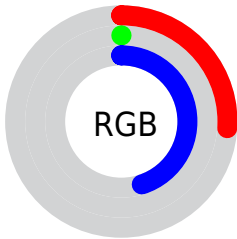
Format	Color
RYB	66, 1, 116
Decimal	4325748
CIELab	17.65, 47.29, -49.06
CIElCh	18, 68.144, 313.950
Yxy	2.4409, 0.2203, 0.0994
Android (android.graphics.Color)	4282515828 (0xFF420174)
YUV	33.5450, 40.6503, 28.4630
Hunter-Lab	15.6234, 34.4692, -52.4733

Details

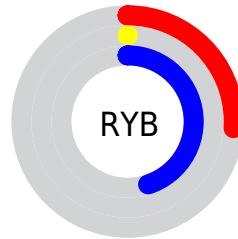
The YUV color **33.5450, 40.6503, 28.4630** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.4550, -40.6503, -28.4630**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1920, 39.3453, 27.0186**, and **10.9270, 27.6440, 0.0640** is the 20% darker color. If you saturate the color by 10%, you get **32.9580, 40.9397, 28.9778**, and if you desaturate by 10%, it is **42.0840, 36.4406, 25.3593**.

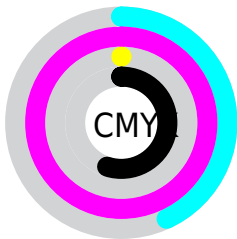
Distribution



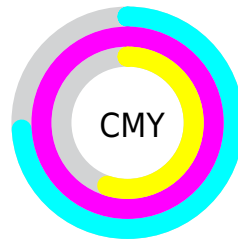
- Red (26%)
- Green (0%)
- Blue (45%)



- Red (26%)
- Yellow (0%)
- Blue (45%)



- Cyan (43%)
- Magenta (99%)
- Yellow (0%)
- Black (55%)



- Cyan (74%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.5450, 40.6503, 28.4630 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 33.5450, 40.6503, 28.4630 by changing the saturation by 10% instead.

■ 33.5450, 40.6503,
28.4630

■ 33.5450, 40.6503,
28.4630

■ 250.3040, 2.3151,
4.1184

■ 21.7360, 34.1472,
14.2635

■ 89.1920, 39.3453,
27.0186

■ 10.9270, 27.6440,
0.0640

■ 115.4310, 40.2135,
28.5630

■ 6.6630, 17.9141,
-5.8435

■ 142.2570, 40.7923,
29.5926

■ 3.0950, 9.3202,
-2.7143


■ 169.7840, 41.5185,
30.0074


■ 0.0000, 0.0000,
0.0000


■ 194.4180, 29.8669,
33.8364


■ 216.8450, 18.8104,


33.4619


 233.8680, 10.4181,
18.5328


 33.5450, 40.6503,
28.4630


 33.5450, 40.6503,
28.4630


 32.9580, 40.9397,
28.9778

 42.0840, 36.4406,
25.3593

 50.0360, 32.5203,
22.7704

 58.5750, 28.3105,
19.6667

 66.5270, 24.3902,
17.0778

 75.0660, 20.1805,
13.9741

■ 83.6050, 15.9707,
10.8704

■ 91.5570, 12.0504,
8.2815

■ 100.0960, 7.8407,
5.1778

■ 108.0480, 3.9203,
2.5889

Harmonies

Analogous

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



42.0160, 49.2921, -36.8480



33.5450, 40.6503, 28.4630



41.6960, 14.9399, 61.6566

Triad

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



33.5450, 40.6503, 28.4630



40.6220, -20.0266, 30.1495



42.7440, 11.4652, -37.4865

Complementary

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



33.5450, 40.6503, 28.4630



83.4550, -40.6503, -28.4630

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.



36.0010, -11.8325, -31.5729



33.5450, 40.6503, 28.4630



38.0430, -18.7552, -4.4227

Square

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



33.5450, 40.6503, 28.4630



31.3950, -15.4777, 64.5516



32.8720, -16.2059, -28.8287



48.5750, 31.2685, -42.6003

Rectangle

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



33.5450, 40.6503, 28.4630



40.7390, -0.3643, 70.3889



32.8720, -16.2059, -28.8287



40.8060, 4.0396, -35.7869

Sweetspot

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



33.5450, 40.6503, 28.4630



117.9040, 15.8233, 11.4852



44.6340, 35.1834, -38.2670



56.9760, 9.8718, 7.0370



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



33.5450, 40.6503, 28.4630



42.5150, 52.9901, 37.2593



47.8110, 30.6592, 59.8018



54.5810, 2.1786, 1.2445



34.5390, 43.1183, 30.2223



70.6590, 88.4151, 61.6891

Inverse Universe

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



41.0850, 4.8881, 65.7005



52.2600, 6.2808, 85.7180



69.1890, -30.6592, -59.8018



55.0220, -0.0108, 3.4887



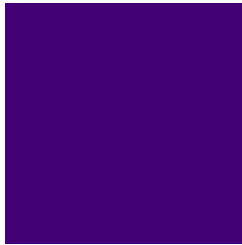
42.5200, 5.1666, 69.7040



87.1760, 10.7592, 142.7966

Previews

White Background



This preview shows how the YUV color 33.5450, 40.6503, 28.4630 looks on a white background.

Color Contrast Check

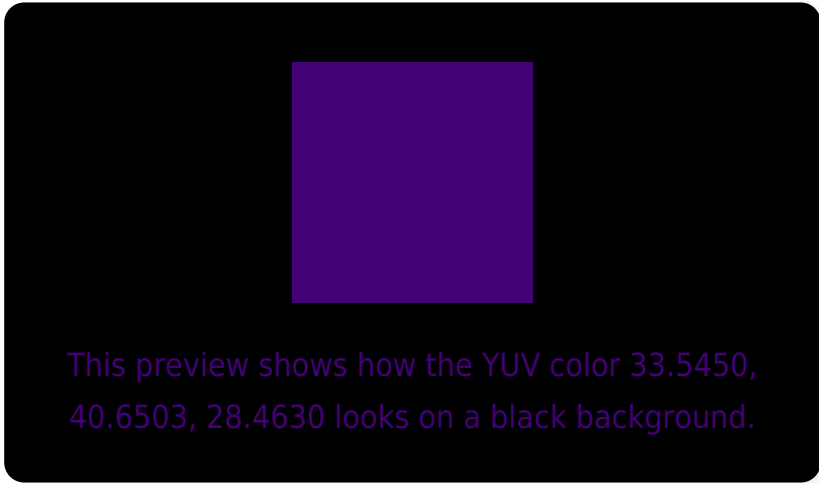
Large Text (above 18pt) WCAG AA ✓ Pass

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

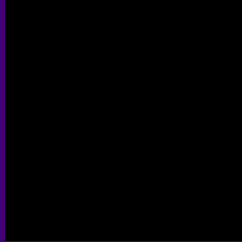
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.5450, 40.6503, 28.4630

Background



This preview shows how black text looks on a background with the YUV color 33.5450, 40.6503, 28.4630.



This preview shows how white text looks on a background with the YUV color 33.5450, 40.6503,

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

33.5450, 40.6503, 28.4630

Protanopia

37.2450, 28.4732, -32.6639

Deuteranopia

37.5240, 21.9267, -32.9085



Tritanopia

47.2500, 0.8628, 3.2887

Trichromacy



Original Color

33.5450, 40.6503, 28.4630

Protanomaly

35.9410, 33.0601, -10.4723

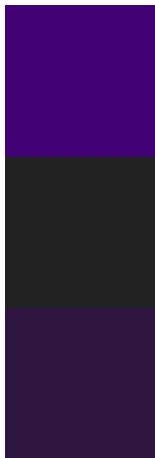
Deuteranomaly

36.0890, 28.5501, -10.6021

Tritanomaly

42.0890, 15.2391, 12.1999

Monochromacy



Original Color

33.5450, 40.6503, 28.4630

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9640, 14.8077, 10.5556

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5450, 40.6503, 28.4630 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(66, 1, 116)` looks like.

```
.text, #text, p{  
    color:rgb(66, 1, 116)  
}
```

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(66, 1, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 1, 116) }
```

Border

The CSS property to change the border of an element to YUV 33.5450, 40.6503, 28.4630 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(66, 1, 116) }
```


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

```
.border{ border-color:rgb(66, 1, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 1, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 1, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 1, 116);  
box-shadow:4px 4px 4px 4px rgb(66, 1, 116)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.5450, 40.6503, 28.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 1, 116) }
```

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

```
.background{ background-color: rgb(66, 1,  
116) }
```

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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