

Converting Colors

YUV(30.5770, 25.3515, 35.4510)

Have a look what the booklet for
YUV(30.5770, 25.3515, 35.4510)
contains.

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Color

**YUV(30.5770, 25.3515,
35.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	470052
RGB	71, 0, 82
RGB Percent	28%, 0%, 32%
CMY	0.7216, 1.0000, 0.6784
CMYK	0.13, 1.00, 0.00, 0.68
HSL	292°, 100%, 16%
HSV	292°, 100%, 32%
XYZ	4.1215, 1.9488, 8.1416
YIQ	30.5770, 15.9940, 40.5540

Conversions

Conversions Part 2

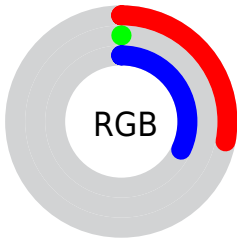
Format	Color
R_{YB}	71, 0, 82
Decimal	4653138
CIE _{Lab}	15.22, 41.11, -30.44
CIE _{LCh}	15, 51.151, 323.484
Yxy	1.9488, 0.2900, 0.1371
Android (android.graphics.Color)	4282843218 (0xFF470052)
YUV	30.5770, 25.3515, 35.4510
Hunter-Lab	13.9599, 28.2705, -24.8066

Details

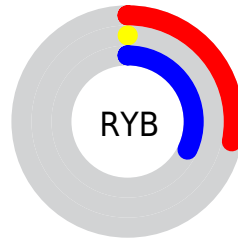
The YUV color **30.5770, 25.3515, 35.4510** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **51.4230, -25.3515, -35.4510**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.1100, 23.6098, 34.1065**, and **10.6820, 12.4818, 9.9259** is the 20% darker color. If you saturate the color by 10%, you get **30.5770, 25.3515, 35.4510**, and if you desaturate by 10%, it is **35.5720, 22.8890, 31.9474**.

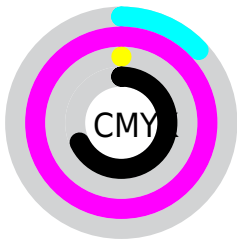
Distribution



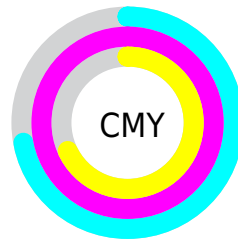
- Red (28%)
- Green (0%)
- Blue (32%)



- Red (28%)
- Yellow (0%)
- Blue (32%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (72%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.5770, 25.3515, 35.4510 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 30.5770, 25.3515, 35.4510 by changing the saturation by 10% instead.

■ 30.5770, 25.3515,
35.4510

■ 30.5770, 25.3515,
35.4510

■ 247.9560, 3.4727,
6.1776

■ 20.7790, 18.8430,
22.9958

■ 84.1100, 23.6098,
34.1065

■ 10.6820, 12.4818,
9.9259

■ 109.5230, 23.8992,
34.6213

■ 1.3680, 5.2416,
-1.1997

■ 136.3490, 24.4779,
35.6509


■ 0.0000, 0.0000,
0.0000


■ 163.0610, 24.6199,
36.7805


■ 190.8870, 25.1987,
37.8101


■ 214.4970, 19.9680,


35.5211


 231.5200, 11.5756,
20.5920


 30.5770, 25.3515,
35.4510

 35.5720, 22.8890,
31.9474

 40.5670, 20.4265,
28.4437

 46.1490, 17.6745,
24.4253

 51.1440, 15.2120,
20.9217

 56.4380, 12.6021,
18.0329

■ 61.4330, 10.1395,
14.5293

■ 66.4280, 7.6770,
11.0256

■ 72.0100, 4.9251,
7.0072

■ 77.0050, 2.4625,
3.5036

Harmonies

Analogous

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



31.4550, 36.7507, -27.5860



30.5770, 25.3515, 35.4510



33.5780, 7.1100, 52.9901

Triad

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



30.5770, 25.3515, 35.4510



36.4030, -17.9467, 16.3096



38.0480, 13.7803, -33.3681

Complementary

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



30.5770, 25.3515, 35.4510



51.4230, -25.3515, -35.4510

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.



33.2430, -2.0918, -29.1541



30.5770, 25.3515, 35.4510



31.5090, -15.5339, -10.9704

Square

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



30.5770, 25.3515, 35.4510



30.3770, -14.9759, 43.5194



28.7630, -14.1802, -25.2252



40.9950, 27.6105, -35.9526

Rectangle

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



30.5770, 25.3515, 35.4510



31.7390, -3.8153, 57.2339



28.7630, -14.1802, -25.2252



36.6800, 8.5388, -32.1684

Sweetspot

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



30.5770, 25.3515, 35.4510



87.0200, 9.8501, 14.0145



16.3920, 32.3447, -14.3758



41.3630, 6.2300, 8.4516



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



30.5770, 25.3515, 35.4510



40.0050, 33.0285, 46.4766



30.5600, 11.0629, 45.1129



38.3530, 1.3050, 1.4444



39.1790, 32.4498, 45.4470



86.5470, 71.7083, 100.3753

Inverse Universe

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



25.7720, -7.2826, 49.3120



33.5890, -9.6574, 64.3814



51.4400, -11.0629, -45.1129



38.1960, -0.5896, 2.4591



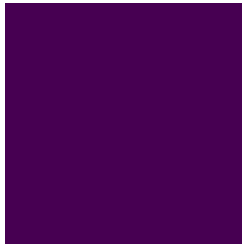
32.9910, -9.3626, 63.1519



72.9020, -20.6577, 139.5289

Previews

White Background



This preview shows how the YUV color 30.5770, 25.3515, 35.4510 looks on a white background.

Color Contrast Check

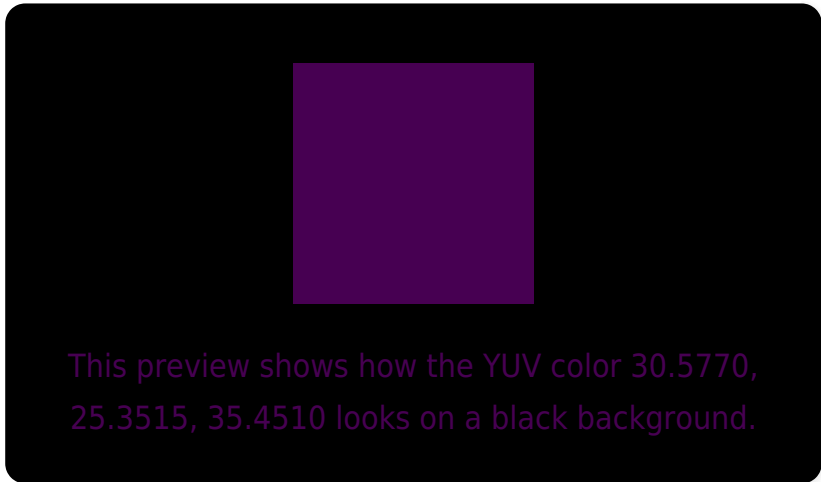
Large Text (above 18pt) WCAG AA ✓ Pass

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

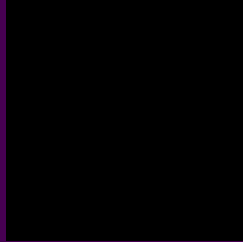
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.5770, 25.3515, 35.4510

Background



This preview shows how black text looks on a background with the YUV color 30.5770, 25.3515, 35.4510.



This preview shows how white text looks on a background with the YUV color 30.5770, 25.3515,

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



Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

33.9050, 20.7528, -29.7347

Tritanopia

42.0950, -3.9908, 20.0877

Trichromacy



Protanomaly

32.7260, 25.7711, -5.8987

Deuteranomaly

32.5150, 22.4241, -5.7137

Tritanomaly

37.5870, 6.6126, 25.7952

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1940, 9.2714, 12.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.5770, 25.3515, 35.4510 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(71, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 82)  
}
```

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(71, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 82) }
```

Border

The CSS property to change the border of an element to YUV 30.5770, 25.3515, 35.4510 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(71, 0, 82) }
```

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

```
.border{ border-color:rgb(71, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 82); box-shadow:4px  
4px 4px 4px rgb(71, 0, 82) }
```


Background

The CSS property to change the background color of an element to YUV 30.5770, 25.3515, 35.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 82) }
```

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

```
.background{ background-color: rgb(71, 0,  
82) }
```

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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