

Converting Colors

YUV(37.5970, 48.5127, 26.6634)

Have a look what the booklet for
YUV(37.5970, 48.5127, 26.6634)
contains.

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Color

**YUV(37.5970, 48.5127,
26.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	440388
RGB	68, 3, 136
RGB Percent	27%, 1%, 53%
CMY	0.7333, 0.9882, 0.4667
CMYK	0.50, 0.98, 0.00, 0.47
HSL	269°, 96%, 27%
HSV	269°, 98%, 53%
XYZ	6.8604, 3.0716, 23.5239
YIQ	37.5970, -3.9530, 55.1430

Conversions

Conversions Part 2

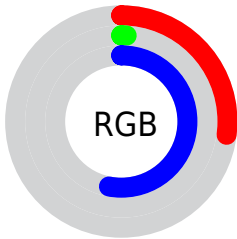
Format	Color
RYB	68, 3, 136
Decimal	4457352
CIELab	20.33, 51.59, -57.37
CIElCh	20, 77.158, 311.963
Yxy	3.0716, 0.2051, 0.0918
Android (android.graphics.Color)	4282647432 (0xFF440388)
YUV	37.5970, 48.5127, 26.6634
Hunter-Lab	17.5261, 39.2011, -67.3119

Details

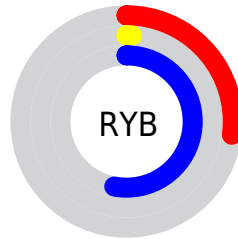
The YUV color **37.5970, 48.5127, 26.6634** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **101.4030, -48.5127, -26.6634**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.1300, 46.7709, 25.3190**, and **11.4840, 36.2434, -4.8095** is the 20% darker color. If you saturate the color by 10%, you get **35.2380, 49.6757, 26.9783**, and if you desaturate by 10%, it is **47.9080, 43.4294, 23.7597**.

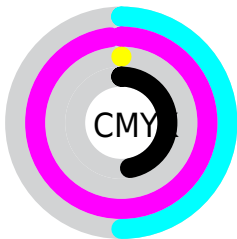
Distribution



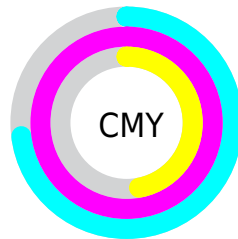
- Red (27%)
- Green (1%)
- Blue (53%)



- Red (27%)
- Yellow (1%)
- Blue (53%)



- Cyan (50%)
- Magenta (98%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (99%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.5970, 48.5127, 26.6634 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 37.5970, 48.5127, 26.6634 by changing the saturation by 10% instead.

37.5970, 48.5127,
26.6634

37.5970, 48.5127,
26.6634

253.8260, 0.5788,
1.0296

23.9020, 42.4463,
12.3639

95.1300, 46.7709,
25.3190

11.4840, 36.2434,
-4.8095

121.4830, 48.0759,
26.7634

6.9540, 26.6447,
-6.0987

148.7220, 48.9441,
28.3078

5.5060, 16.0195,
-4.8288

174.0400, 39.9133,
31.5369


2.2970, 6.2626,
-2.0145


198.8590, 27.6775,
36.0807


0.0000, 0.0000,
0.0000


219.7800, 17.3635,


30.8879


 236.8030, 8.9711,
15.9588


 37.5970, 48.5127,
26.6634


 37.5970, 48.5127,
26.6634


 35.2380, 49.6757,
26.9783

 47.9080, 43.4294,
23.7597

 57.6320, 38.6354,
21.3707

 67.9430, 33.5521,
18.4670

 77.6670, 28.7582,
16.0780

 87.9780, 23.6748,
13.1743

■ 98.2890, 18.5915,
10.2705

■ 108.0130, 13.7976,
7.8816

■ 118.3240, 8.7143,
4.9779

■ 128.0480, 3.9203,
2.5889

Harmonies

Analogous

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



49.3340, 57.0233, -43.2659



37.5970, 48.5127, 26.6634



47.4780, 18.9913, 68.8638

Triad

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



37.5970, 48.5127, 26.6634



45.0960, -22.2323, 37.6268



48.0100, 11.3341, -42.1048

Complementary

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



37.5970, 48.5127, 26.6634



101.4030, -48.5127, -26.6634

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.



39.5400, -16.0422, -34.6766



37.5970, 48.5127, 26.6634



43.6580, -21.5234, -3.2081

Square

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



37.5970, 48.5127, 26.6634



36.4780, -17.9837, 75.0028



36.9810, -18.2316, -32.4323



54.8670, 35.0686, -48.1184

Rectangle

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



37.5970, 48.5127, 26.6634



46.8480, 1.0609, 79.9403



36.9810, -18.2316, -32.4323



45.2570, 3.3243, -39.6904

Sweetspot

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



37.5970, 48.5127, 26.6634



138.2890, 18.5915, 10.2705



58.6650, 38.1262, -48.8182



66.0190, 11.3296, 6.1223



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



37.5970, 48.5127, 26.6634



45.7780, 64.1994, 35.2747



57.3310, 38.7838, 67.2387



63.6950, 2.6154, 1.1445



34.5970, 48.5127, 26.6634



1.1680, 1.8892, 0.7297

Inverse Universe

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



50.5190, 10.0971, 74.9668



62.8840, 13.3682, 99.2027



81.6690, -38.7838, -67.2387



64.4350, 0.2785, 4.0035



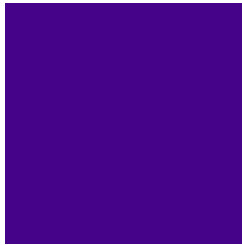
47.5190, 10.0971, 74.9668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 37.5970, 48.5127, 26.6634 looks on a white background.

Color Contrast Check

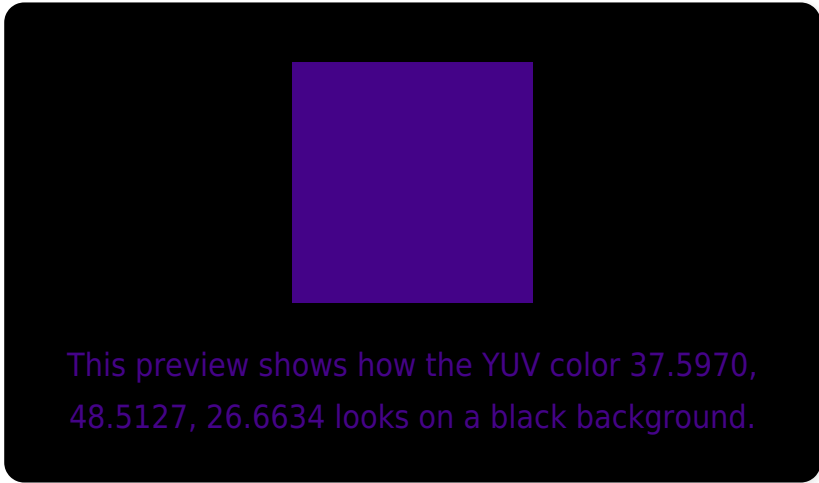
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5970, 48.5127, 26.6634

Background



This preview shows how black text looks on a background with the YUV color 37.5970, 48.5127, 26.6634.



This preview shows how white text looks on a background with the YUV color 37.5970, 48.5127,

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

37.5970, 48.5127, 26.6634

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.9580, 23.6847, -36.7972



Tritanopia

51.3630, 2.7790, -4.7034

Trichromacy



Original Color

37.5970, 48.5127, 26.6634

Protanomaly

40.0700, 37.4335, -13.2164

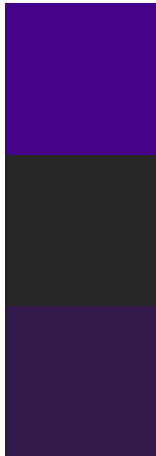
Deuteranomaly

40.2180, 32.9235, -13.3462

Tritanomaly

46.4950, 19.4760, 6.5819

Monochromacy



Original Color

37.5970, 48.5127, 26.6634

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7620, 17.8653, 9.8557

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5970, 48.5127, 26.6634 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(68, 3, 136)` looks like.

```
.text, #text, p{  
    color:rgb(68, 3, 136)  
}
```

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(68, 3, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 3, 136) }
```

Border

The CSS property to change the border of an element to YUV 37.5970, 48.5127, 26.6634 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(68, 3, 136) }
```


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

```
.border{ border-color:rgb(68, 3, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 3, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 3, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 3, 136);  
box-shadow:4px 4px 4px 4px rgb(68, 3, 136)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.5970, 48.5127, 26.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 3, 136) }
```

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

```
.background{ background-color: rgb(68, 3,  
136) }
```

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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