

Converting Colors

YUV(52.4970, 36.7300, 25.8741)

Have a look what the booklet for
YUV(52.4970, 36.7300, 25.8741)
contains.

YUV(52.4970, 36.7300, 25.8741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.4970, 36.7300,
25.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	52177F
RGB	82, 23, 127
RGB Percent	32%, 9%, 50%
CMY	0.6784, 0.9098, 0.5020
CMYK	0.35, 0.82, 0.00, 0.50
HSL	274°, 69%, 29%
HSV	274°, 82%, 50%
XYZ	7.6168, 3.9389, 20.4375
YIQ	52.4970, 1.7800, 44.8520

Conversions

Conversions Part 2

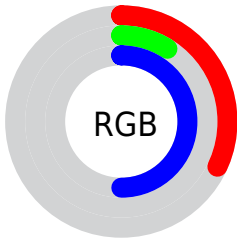
Format	Color
R_{YB}	82, 23, 127
Decimal	5379967
CIE _{Lab}	23.47, 45.44, -46.46
CIE _{LCh}	23, 64.992, 314.365
Yxy	3.9389, 0.2381, 0.1231
Android (android.graphics.Color)	4283570047 (0xFF52177F)
YUV	52.4970, 36.7300, 25.8741
Hunter-Lab	19.8468, 33.7733, -47.1621

Details

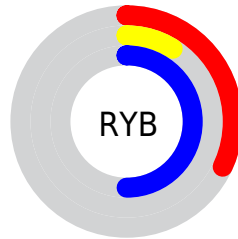
The YUV color **52.4970, 36.7300, 25.8741** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **97.5030, -36.7300, -25.8741**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7360, 37.5982, 27.4185**, and **17.7480, 29.2112, 10.7450** is the 20% darker color. If you saturate the color by 10%, you get **43.3710, 41.2291, 29.4926**, and if you desaturate by 10%, it is **61.6230, 32.2309, 22.2556**.

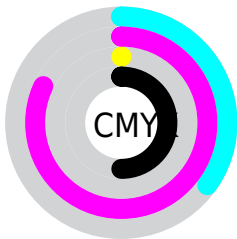
Distribution



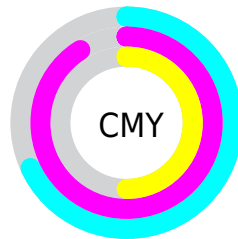
- Red (32%)
- Green (9%)
- Blue (50%)



- Red (32%)
- Yellow (9%)
- Blue (50%)



- Cyan (35%)
- Magenta (82%)
- Yellow (0%)
- Black (50%)



- Cyan (68%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4970, 36.7300, 25.8741 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 52.4970, 36.7300, 25.8741 by changing the saturation by 10% instead.

■ 52.4970, 36.7300,
25.8741

■ 52.4970, 36.7300,
25.8741

■ 255.0000, 0.0000,
0.0000

■ 27.9590, 36.0092,
23.7150

■ 104.7360, 37.5982,
27.4185

■ 17.7480, 29.2112,
10.7450

■ 131.5620, 38.1769,
28.4481

■ 6.0420, 23.1503,
-5.2988

■ 158.3880, 38.7557,
29.4777

■ 4.7080, 12.9620,
-4.1289

■ 184.3730, 34.8191,
32.1219

■ 0.2280, 0.8736,
-0.2000


■ 209.4800, 22.4414,
35.5360


■ 0.0000, 0.0000,
0.0000


■ 227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 52.4970, 36.7300,
25.8741


 52.4970, 36.7300,
25.8741


 43.3710, 41.2291,
29.4926


 61.6230, 32.2309,
22.2556

 36.0060, 44.8600,
31.5667

 70.4610, 27.8737,
19.7667

 79.5870, 23.3746,
16.1482

 89.0120, 18.7281,
13.1445

 98.1380, 14.2290,
9.5260

■ 106.9760, 9.8718,
7.0370

■ 116.1020, 5.3727,
3.4185

■ 125.5270, 0.7262,
0.4148

■ 134.0660, -3.4835,
-2.6889

Harmonies

Analogous

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



50.3140, 50.6242, -44.1254



52.4970, 36.7300, 25.8741



47.1360, 17.6810, 69.1637

Triad

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



52.4970, 36.7300, 25.8741



52.7380, -25.9998, 32.6788



52.4440, 13.0921, -45.9934

Complementary

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



52.4970, 36.7300, 25.8741



97.5030, -36.7300, -25.8741

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.



45.3420, -9.0426, -39.7649



52.4970, 36.7300, 25.8741



50.1590, -24.7284, -1.8934

Square

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



52.4970, 36.7300, 25.8741



36.1790, -17.8362, 74.3880



40.5030, -19.9680, -35.5211



57.5740, 32.7480, -50.4924

Rectangle

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



52.4970, 36.7300, 25.8741



46.1790, 2.3768, 77.8960



40.5030, -19.9680, -35.5211



49.9190, 5.9559, -43.7790

Sweetspot

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



52.4970, 36.7300, 25.8741



135.9640, 14.8077, 10.5556



61.2710, 32.4044, -33.5637



66.0360, 8.8563, 6.1074



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



52.4970, 36.7300, 25.8741



49.0900, 57.6366, 40.2631



65.1540, 27.0391, 54.2389



58.9940, 2.4680, 1.7593



36.1200, 45.2968, 31.4668



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.2260, 4.3256, 59.4378



59.8310, 6.9853, 93.1102



84.8460, -27.0391, -54.2389



59.4350, 0.2785, 4.0035



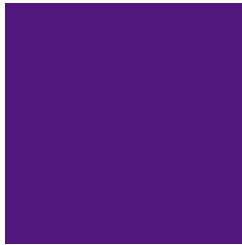
44.5420, 5.1558, 73.1927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.4970, 36.7300, 25.8741 looks on a white background.

Color Contrast Check

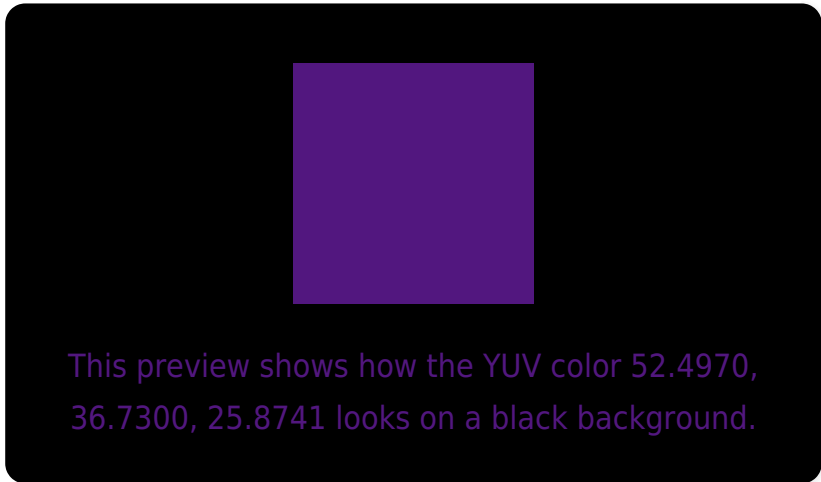
Large Text (above 18pt) WCAG AA ✓ Pass

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

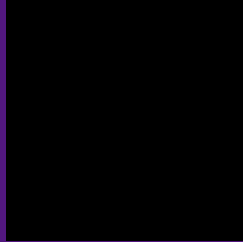
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4970, 36.7300, 25.8741

Background



This preview shows how black text looks on a background with the YUV color 52.4970, 36.7300, 25.8741.



This preview shows how white text looks on a background with the YUV color 52.4970, 36.7300, 25.8741.

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

52.4970, 36.7300, 25.8741

Protanopia

45.6230, 35.1889, -40.0114

Deuteranopia

46.1470, 27.0425, -40.4709



Tritanopia

57.9410, -0.4639, 8.8217

Trichromacy



Original Color

52.4970, 36.7300, 25.8741

Protanomaly

48.0050, 35.9865, -15.7904

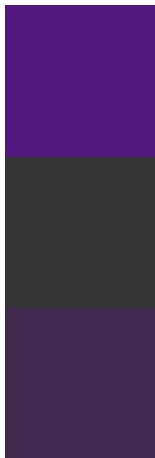
Deuteranomaly

48.5120, 30.3136, -16.2350

Tritanomaly

55.8290, 12.9023, 15.0590

Monochromacy



Original Color

52.4970, 36.7300, 25.8741

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9100, 13.3554, 9.7259

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4970, 36.7300, 25.8741 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(82, 23, 127)` looks like.

```
.text, #text, p{  
    color:rgb(82, 23, 127)  
}
```

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(82, 23, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 23, 127) }
```

Border

The CSS property to change the border of an element to YUV 52.4970, 36.7300, 25.8741 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(82, 23, 127) }
```


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

```
.border{ border-color:rgb(82, 23, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 23, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 23, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 23, 127);  
box-shadow:4px 4px 4px 4px rgb(82, 23,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 52.4970, 36.7300, 25.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 23, 127) }
```

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

```
.background{ background-color: rgb(82, 23,  
127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor