

Converting Colors

YUV(75.4870, 28.3539, 5.7119)

Have a look what the booklet for
YUV(75.4870, 28.3539, 5.7119)
contains.

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Color

**YUV(75.4870, 28.3539,
5.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	523D85
RGB	82, 61, 133
RGB Percent	32%, 24%, 52%
CMY	0.6784, 0.7608, 0.4784
CMYK	0.38, 0.54, 0.00, 0.48
HSL	258°, 37%, 38%
HSV	258°, 54%, 52%
XYZ	9.3821, 6.8248, 23.0131
YIQ	75.4870, -10.5960, 26.8440

Conversions

Conversions Part 2

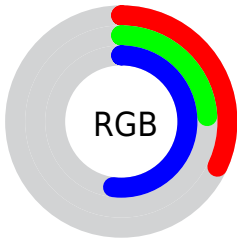
Format	Color
R_{YB}	82, 61, 133
Decimal	5389701
CIE _{Lab}	31.40, 26.75, -37.40
CIE _{LCh}	31, 45.981, 305.569
Yxy	6.8248, 0.2392, 0.1740
Android (android.graphics.Color)	4283579781 (0xFF523D85)
YUV	75.4870, 28.3539, 5.7119
Hunter-Lab	26.1243, 18.3875, -33.9421

Details

The YUV color **75.4870, 28.3539, 5.7119** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **118.5130, -28.3539, -5.7119**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3670, 30.3851, 7.5711**, and **28.7100, 26.7650, 2.0083** is the 20% darker color. If you saturate the color by 10%, you get **65.1650, 33.4427, 6.8713**, and if you desaturate by 10%, it is **85.8090, 23.2652, 4.5525**.

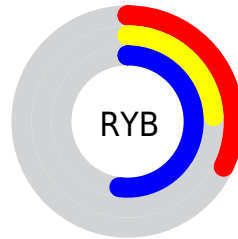
Distribution



Red (32%)

Green (24%)

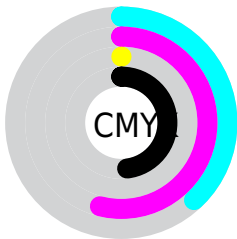
Blue (52%)



Red (32%)

Yellow (24%)

Blue (52%)

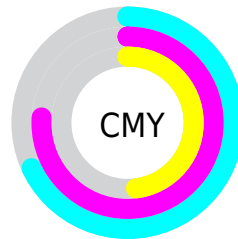


Cyan (38%)

Magenta (54%)

Yellow (0%)

Black (48%)



Cyan (68%)

Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4870, 28.3539, 5.7119 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 75.4870, 28.3539, 5.7119 by changing the saturation by 10% instead.

■ 75.4870, 28.3539,
5.7119

■ 75.4870, 28.3539,
5.7119

■ 255.0000, 0.0000,
0.0000

■ 52.1340, 27.0489,
4.2675

■ 125.3670, 30.3851,
7.5711

■ 28.7100, 26.7650,
2.0083

■ 151.8940, 31.1113,
7.9860

■ 9.4170, 24.4444,
-0.3657

■ 178.7200, 31.6900,
9.0156

■ 5.3920, 15.5827,
-4.7288

■ 204.3090, 24.9907,
11.1300

■ 2.0690, 5.3890,
-1.8145

■ 229.4160, 12.6129,
14.5442

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.1833,

5.6628

■ 75.4870, 28.3539,
5.7119

■ 75.4870, 28.3539,
5.7119

■ 65.1650, 33.4427,
6.8713

■ 85.8090, 23.2652,
4.5525

■ 53.9570, 38.9682,
7.9307

■ 97.0170, 17.7396,
3.4931

■ 43.6350, 44.0569,
9.0901

■ 107.3390, 12.6509,
2.3337

■ 33.0140, 49.2931,
9.6347

■ 117.9600, 7.4147,
1.7891

■ 26.8230, 52.3453,
10.6792

■ 128.8690, 2.0366,
0.1149

■ 139.4900, -3.1996,
-0.4297

■ 149.8120, -8.2883,
-1.5891

■ 160.1340,
-13.3771, -2.7485

■ 171.3420,
-18.9026, -3.8079

Harmonies

Analogous

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



61.2560, 41.7788, -53.7215



75.4870, 28.3539, 5.7119



73.5750, 14.9995, 42.4687

Triad

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



75.4870, 28.3539, 5.7119



69.5940, -34.3098, 38.0671



61.9500, 8.8986, -54.3302

Complementary

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



75.4870, 28.3539, 5.7119



118.5130, -28.3539, -5.7119

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.



56.4440, -7.1209, -49.5014



75.4870, 28.3539, 5.7119



69.1410, -34.0865, 13.0313

Square

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



75.4870, 28.3539, 5.7119



69.1720, -17.3398, 55.1002



62.8170, -29.4898, -14.7485



65.3530, 24.4760, -57.3146

Rectangle

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



75.4870, 28.3539, 5.7119



69.2580, 5.7888, 56.7787



62.8170, -29.4898, -14.7485



60.4680, 3.2203, -53.0304

Sweetspot

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



75.4870, 28.3539, 5.7119



151.4700, 10.6143, 2.2188



99.7320, 16.4011, -33.9680



73.4330, 6.6885, 1.3743



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



75.4870, 28.3539, 5.7119



83.6350, 44.0569, 9.0901



85.9520, 23.1947, 27.2291



61.2820, 2.3260, 0.6297



26.1820, 51.1823, 10.3644



0.6410, 1.1630, 0.3148

Inverse Universe

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



88.3420, 11.6634, 39.1651



103.6080, 18.4343, 60.8568



108.0480, -23.1947, -27.2291



62.2500, 0.8628, 3.2888



49.3580, 21.0225, 70.7230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 75.4870, 28.3539, 5.7119 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



This preview shows how the YUV color 75.4870, 28.3539, 5.7119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

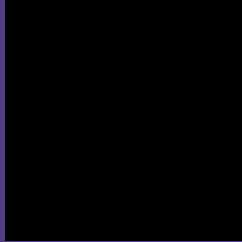
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4870, 28.3539, 5.7119

Background



This preview shows how black text looks on a background with the YUV color 75.4870, 28.3539, 5.7119.



This preview shows how white text looks on a background with the YUV color 75.4870, 28.3539,

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

75.4870, 28.3539, 5.7119

Protanopia

67.9490, 37.4931, -32.4043

Deuteranopia

66.9180, 31.0994, -35.0081



Tritanopia

73.4880, 3.2104, -3.0590

Trichromacy



Original Color

75.4870, 28.3539, 5.7119

Protanomaly

70.8260, 34.1028, -18.2644

Deuteranomaly

70.0770, 30.0350, -20.2385

Tritanomaly

73.9150, 12.3669, 0.0745

Monochromacy



Original Color

75.4870, 28.3539, 5.7119

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3560, 10.1775, 2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4870, 28.3539, 5.7119 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, 61, 133)` looks like.

```
.text, #text, p{  
    color:rgb(82, 61, 133)  
}
```

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, 61, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 61, 133) }
```

Border

The CSS property to change the border of an element to YUV 75.4870, 28.3539, 5.7119 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, 61, 133) }
```


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

```
.border{ border-color:rgb(82, 61, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 61, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 61, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 61, 133);  
box-shadow:4px 4px 4px 4px rgb(82, 61,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 75.4870, 28.3539, 5.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 61, 133) }
```

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

```
.background{ background-color: rgb(82, 61,  
133) }
```

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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