

Converting Colors

YUV(42.6870, 58.8213, 33.6005)

Have a look what the booklet for
YUV(42.6870, 58.8213, 33.6005)
contains.

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Color

**YUV(42.6870, 58.8213,
33.6005)**

Conversions

Conversions Part 1

Format	Color
Hex	5100A2
RGB	81, 0, 162
RGB Percent	32%, 0%, 64%
CMY	0.6824, 1.0000, 0.3647
CMYK	0.50, 1.00, 0.00, 0.36
HSL	270°, 100%, 32%
HSV	270°, 100%, 64%
XYZ	9.9149, 4.3580, 34.5010
YIQ	42.6870, -3.7260, 67.5540

Conversions

Conversions Part 2

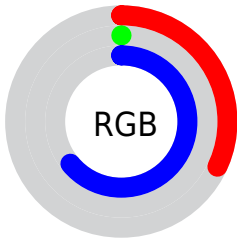
Format	Color
R_{YB}	81, 0, 162
Decimal	5308578
CIE _{Lab}	24.82, 59.42, -65.97
CIE _{LCh}	25, 88.782, 312.010
Yxy	4.3580, 0.2033, 0.0894
Android (android.graphics.Color)	4283498658 (0xFF5100A2)
YUV	42.6870, 58.8213, 33.6005
Hunter-Lab	20.8757, 48.2460, -83.3747

Details

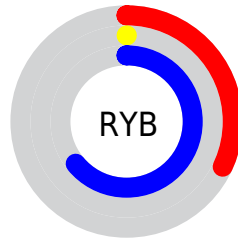
The YUV color **42.6870, 58.8213, 33.6005** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **119.3130, -58.8213, -33.6005**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5680, 55.9220, 30.1969**, and **14.2200, 46.7265, -7.2089** is the 20% darker color. If you saturate the color by 10%, you get **42.6870, 58.8213, 33.6005**, and if you desaturate by 10%, it is **54.4710, 53.0118, 30.2819**.

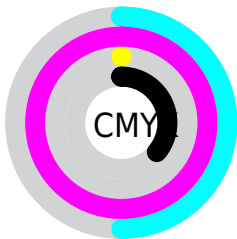
Distribution



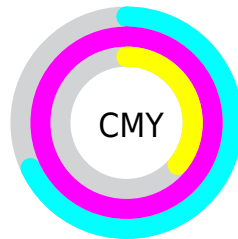
- Red (32%)
- Green (0%)
- Blue (64%)



- Red (32%)
- Yellow (0%)
- Blue (64%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6870, 58.8213, 33.6005 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 42.6870, 58.8213, 33.6005 by changing the saturation by 10% instead.

■ 42.6870, 58.8213,
33.6005

■ 42.6870, 58.8213,
33.6005

■ 255.0000, 0.0000,
0.0000

■ 30.3400, 51.5974,
17.2418

■ 104.5680, 55.9220,
30.1969

■ 14.2200, 46.7265,
-7.2089

■ 132.3940, 56.5008,
31.2265

■ 9.5760, 36.6910,
-8.3982

■ 158.1250, 47.7594,
34.9704

■ 10.2480, 24.0347,
-8.9875

■ 182.9440, 35.5236,
39.5141

■ 5.3920, 15.5827,
-4.7288

■ 207.4530, 23.4407,
41.6987

■ 2.0690, 5.3890,
-1.8145

■ 223.8890, 15.3377,

■ 0.0000, 0.0000,

27.2843

0.0000

■ 240.9120, 6.9454,
12.3552

■ 42.6870, 58.8213,
33.6005

■ 54.4710, 53.0118,
30.2819

■ 66.2550, 47.2023,
26.9634

■ 78.6260, 41.1034,
23.1300

■ 90.4100, 35.2939,
19.8114

■ 102.4930, 29.3370,
17.1076

■ 114.2770, 23.5274,
13.7891

■ 126.0610, 17.7179,
10.4705

■ 138.4320, 11.6190,
6.6371

■ 150.2160, 5.8095,
3.3186

Harmonies

Analogous

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



59.3250, 67.3808, -52.0280



42.6870, 58.8213, 33.6005



56.4780, 22.4423, 82.0188

Triad

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



42.6870, 58.8213, 33.6005



53.7010, -26.4746, 44.9892



56.7640, 14.4133, -49.7820

Complementary

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



42.6870, 58.8213, 33.6005



119.3130, -58.8213, -33.6005

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.



46.8120, -18.6413, -41.0541



42.6870, 58.8213, 33.6005



52.5070, -25.8860, -3.9526

Square

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



42.6870, 58.8213, 33.6005



43.3550, -21.3740, 89.1427



44.0250, -21.7043, -38.6099



65.2340, 41.7896, -57.2102

Rectangle

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



42.6870, 58.8213, 33.6005



55.6480, 1.1595, 95.0247



44.0250, -21.7043, -38.6099



54.0280, 3.9302, -47.3826

Sweetspot

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



42.6870, 58.8213, 33.6005



164.8640, 23.2380, 13.2743



66.0150, 47.3206, -57.8952



79.0130, 13.7976, 7.8816



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



42.6870, 58.8213, 33.6005



55.8620, 76.9760, 43.9710



66.9060, 46.8813, 83.3974



75.5210, 3.1941, 2.1741



38.3570, 52.5750, 30.3819



4.7430, 6.5357, 3.7334

Inverse Universe

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



57.6720, 11.5007, 91.4957



75.4720, 15.0503, 119.7351



95.0940, -46.8813, -83.3974



76.2610, 0.8573, 5.0331



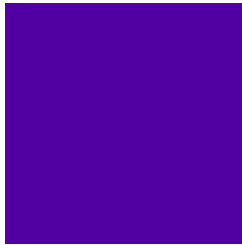
51.6770, 10.5122, 81.8443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 42.6870, 58.8213, 33.6005 looks on a white background.

Color Contrast Check

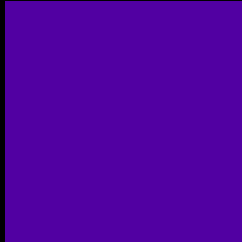
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6870, 58.8213, 33.6005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

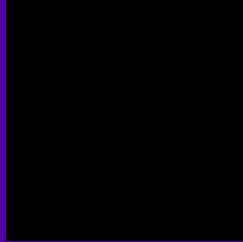
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6870, 58.8213, 33.6005

Background



This preview shows how black text looks on a background with the YUV color 42.6870, 58.8213, 33.6005.



This preview shows how white text looks on a background with the YUV color 42.6870, 58.8213,

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

49.5840, 37.6731, -43.4852

Deuteranopia

49.7660, 28.2164, -43.6448

Tritanopia

61.1780, 3.3632, -5.4181

Trichromacy



Protanomaly

46.8230, 45.4433, -15.6308

Deuteranomaly

47.2160, 39.3335, -15.9754

Tritanomaly

54.2440, 23.5437, 8.5560

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6960, 21.3489, 12.5446

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6870, 58.8213, 33.6005 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(81, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 162)  
}
```

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(81, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 162) }
```

Border

The CSS property to change the border of an element to YUV 42.6870, 58.8213, 33.6005 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(81, 0, 162) }
```

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

```
.border{ border-color:rgb(81, 0, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 0, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(81, 0, 162)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.6870, 58.8213, 33.6005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 162) }
```

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

```
.background{ background-color: rgb(81, 0,  
162) }
```

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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