

Converting Colors

YUV(43.3790, 52.5642, 33.8706)

Have a look what the booklet for
YUV(43.3790, 52.5642, 33.8706)
contains.

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Color

**YUV(43.3790, 52.5642,
33.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	520396
RGB	82, 3, 150
RGB Percent	32%, 1%, 59%
CMY	0.6784, 0.9882, 0.4118
CMYK	0.45, 0.98, 0.00, 0.41
HSL	272°, 96%, 30%
HSV	272°, 98%, 59%
XYZ	9.0173, 4.0610, 29.1627
YIQ	43.3790, -0.1030, 62.4650

Conversions

Conversions Part 2

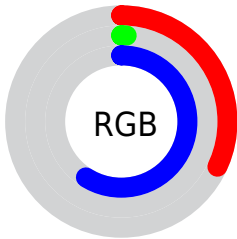
Format	Color
RYB	82, 3, 150
Decimal	5374870
CIELab	23.87, 56.18, -60.17
CIElCh	24, 82.324, 313.034
Yxy	4.0610, 0.2135, 0.0961
Android (android.graphics.Color)	4283564950 (0xFF520396)
YUV	43.3790, 52.5642, 33.8706
Hunter-Lab	20.1519, 44.6068, -71.6952

Details

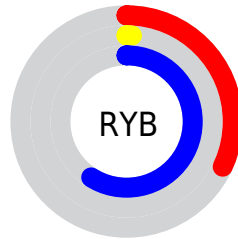
The YUV color **43.3790, 52.5642, 33.8706** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **109.6210, -52.5642, -33.8706**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6730, 49.9542, 30.9818**, and **16.8530, 40.0055, 1.8829** is the 20% darker color. If you saturate the color by 10%, you get **41.3190, 53.5797, 34.8002**, and if you desaturate by 10%, it is **54.2770, 47.1914, 30.4521**.

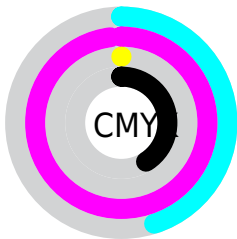
Distribution



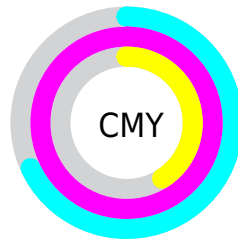
- Red (32%)
- Green (1%)
- Blue (59%)



- Red (32%)
- Yellow (1%)
- Blue (59%)



- Cyan (45%)
- Magenta (98%)
- Yellow (0%)
- Black (41%)



- Cyan (68%)
- Magenta (99%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3790, 52.5642, 33.8706 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 43.3790, 52.5642, 33.8706 by changing the saturation by 10% instead.

43.3790, 52.5642,
33.8706

43.3790, 52.5642,
33.8706

255.0000, 0.0000,
0.0000

29.8690, 45.9136,
20.2859

103.6730, 49.9542,
30.9818

16.8530, 40.0055,
1.8829

130.6130, 50.9698,
31.9114

8.3220, 31.8863,
-7.2984

157.5270, 48.0542,
33.7408

7.9340, 20.2455,
-6.9581

182.3460, 35.8184,
38.2846

3.6650, 11.5042,
-3.2142


206.8660, 23.7301,
42.2135


0.0000, 0.0000,
0.0000


223.3020, 15.6271,


27.7991


 240.3250, 7.2348,
12.8700


 43.3790, 52.5642,
33.8706


 43.3790, 52.5642,
33.8706


 41.3190, 53.5797,
34.8002

 54.2770, 47.1914,
30.4521

 65.1750, 41.8187,
27.0335

 76.0730, 36.4460,
23.6150

 86.9710, 31.0733,
20.1964

 97.8690, 25.7006,
16.7779

■ 108.7670, 20.3279,
13.3593

■ 119.6650, 14.9552,
9.9408

■ 130.5630, 9.5824,
6.5222

■ 141.1620, 4.3571,
2.4889

Harmonies

Analogous

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



55.3810, 62.4232, -48.5691



43.3790, 52.5642, 33.8706



53.2880, 20.5640, 77.8004

Triad

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



43.3790, 52.5642, 33.8706



52.7820, -26.0215, 39.6562



54.7750, 14.4079, -48.0377

Complementary

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



43.3790, 52.5642, 33.8706



109.6210, -52.5642, -33.8706

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.



45.7350, -15.1524, -40.1096



43.3790, 52.5642, 33.8706



50.4360, -24.8649, -4.7674

Square

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



43.3790, 52.5642, 33.8706



40.6640, -20.0474, 83.6097



42.2640, -20.8362, -37.0655



62.0880, 39.8896, -54.4512

Rectangle

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



43.3790, 52.5642, 33.8706



52.2020, 0.8864, 89.2768



42.2640, -20.8362, -37.0655



52.2670, 4.7984, -45.8382

Sweetspot

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



43.3790, 52.5642, 33.8706



153.3540, 20.0385, 12.8445



60.2610, 44.2413, -50.2179



72.2580, 12.1978, 7.6667



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



43.3790, 52.5642, 33.8706



53.2120, 69.4085, 44.5411



63.1410, 40.3565, 76.1753



68.9940, 2.4680, 1.7593



37.8580, 49.3700, 31.6965



2.6350, 3.6309, 2.0741

Inverse Universe

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



54.7050, 8.0334, 83.5737



68.2660, 10.7149, 110.2687



89.8590, -40.3565, -76.1753



69.4350, 0.2785, 4.0035



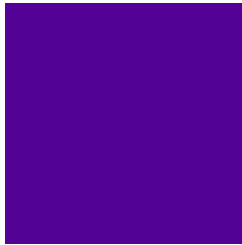
48.5580, 7.6129, 78.4406



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 43.3790, 52.5642, 33.8706 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 43.3790, 52.5642, 33.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

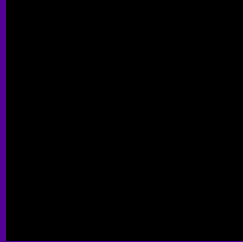
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3790, 52.5642, 33.8706

Background



This preview shows how black text looks on a background with the YUV color 43.3790, 52.5642, 33.8706.



This preview shows how white text looks on a background with the YUV color 43.3790, 52.5642,

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

43.3790, 52.5642, 33.8706

Protanopia

47.8400, 36.0679, -41.9557

Deuteranopia

47.6630, 27.7741, -41.8005



Tritanopia

60.0540, 1.4524, 0.8296

Trichromacy



Original Color

43.3790, 52.5642, 33.8706

Protanomaly

46.3240, 42.2383, -14.3161

Deuteranomaly

46.2440, 36.8547, -14.2460

Tritanomaly

54.3540, 20.0385, 12.8445

Monochromacy



Original Color

43.3790, 52.5642, 33.8706

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8270, 19.3123, 12.4297

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3790, 52.5642, 33.8706 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, 3, 150)` looks like.

```
.text, #text, p{  
    color:rgb(82, 3, 150)  
}
```

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, 3, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 3, 150) }
```

Border

The CSS property to change the border of an element to YUV 43.3790, 52.5642, 33.8706 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, 3, 150) }
```


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

```
.border{ border-color:rgb(82, 3, 150) }
```

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

Here you see how a box with a 4 pixel rgb(82, 3, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 3, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 3, 150);  
box-shadow:4px 4px 4px 4px rgb(82, 3, 150)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.3790, 52.5642, 33.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 3, 150) }
```

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

```
.background{ background-color: rgb(82, 3,  
150) }
```

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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