

Converting Colors

YUV(43.8770, 33.5846, 8.0009)

Have a look what the booklet for
YUV(43.8770, 33.5846, 8.0009)
contains.

YUV(43.8770, 33.5846, 8.0009)	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(43.8770, 33.5846,
8.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	351A70
RGB	53, 26, 112
RGB Percent	21%, 10%, 44%
CMY	0.7922, 0.8980, 0.5608
CMYK	0.53, 0.77, 0.00, 0.56
HSL	259°, 62%, 27%
HSV	259°, 77%, 44%
XYZ	4.7622, 2.6655, 15.5927
YIQ	43.8770, -11.5140, 32.4700

Conversions

Conversions Part 2

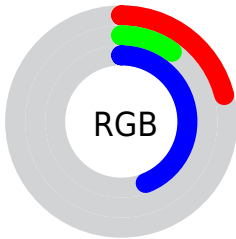
Format	Color
R_{YB}	53, 26, 112
Decimal	3480176
CIE Lab	18.65, 34.97, -44.89
CIE LCh	19, 56.906, 307.917
Yxy	2.6655, 0.2069, 0.1158
Android (android.graphics.Color)	4281670256 (0xFF351A70)
YUV	43.8770, 33.5846, 8.0009
Hunter-Lab	16.3264, 23.4950, -45.1970

Details

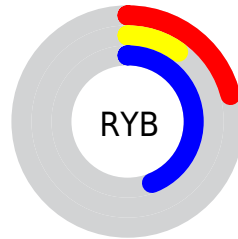
The YUV color **43.8770, 33.5846, 8.0009** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **94.1230, -33.5846, -8.0009**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.7680, 35.6104, 11.6045**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **35.0280, 37.9472, 8.7454**, and if you desaturate by 10%, it is **52.7260, 29.2221, 7.2563**.

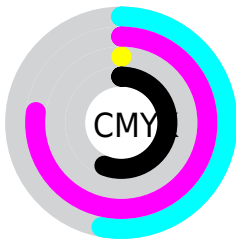
Distribution



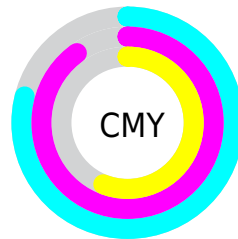
- Red (21%)
- Green (10%)
- Blue (44%)



- Red (21%)
- Yellow (10%)
- Blue (44%)



- Cyan (53%)
- Magenta (77%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (90%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8770, 33.5846, 8.0009 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 43.8770, 33.5846, 8.0009 by changing the saturation by 10% instead.

■ 43.8770, 33.5846,
8.0009

■ 43.8770, 33.5846,
8.0009

■ 255.0000, 0.0000,
0.0000

■ 18.8550, 33.5955,
4.5122

■ 92.7680, 35.6104,
11.6045

■ 7.1820, 27.5183,
-6.2986

■ 118.5940, 36.1892,
12.6341

■ 6.3210, 16.6037,
-5.5435

■ 144.8330, 37.0573,
14.1785

■ 2.6390, 7.5730,
-2.3144


■ 171.7730, 38.0729,
15.1081


■ 0.0000, 0.0000,
0.0000


■ 196.6780, 28.7527,
17.8224


■ 221.7850, 16.3750,


21.2366


 240.9120, 6.9454,
12.3552


 43.8770, 33.5846,
8.0009


 43.8770, 33.5846,
8.0009


 35.0280, 37.9472,
8.7454


 52.7260, 29.2221,
7.2563


 26.4780, 42.1623,
10.1048

 61.2760, 25.0069,
5.8969

 23.2330, 43.7621,
10.3197

 70.7120, 20.3550,
4.6376

 79.5610, 15.9924,
3.8930

 88.1110, 11.7773,
2.5337

■ 96.9600, 7.4147,
1.7891

■ 105.8090, 3.0522,
1.0445

■ 114.9460, -1.4524,
-0.8296

■ 123.7950, -5.8149,
-1.5742

Harmonies

Analogous

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



43.5830, 42.6036, -38.2223



43.8770, 33.5846, 8.0009



38.6780, 18.8927, 53.7794

Triad

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



43.8770, 33.5846, 8.0009



41.8290, -20.6217, 34.3530



42.1910, 6.8078, -37.0015

Complementary

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



43.8770, 33.5846, 8.0009



94.1230, -33.5846, -8.0009

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.



35.7730, -12.7061, -31.3729



43.8770, 33.5846, 8.0009



42.2290, -20.8189, 4.1842

Square

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



43.8770, 33.5846, 8.0009



31.0960, -15.3303, 63.9368



32.8720, -16.2059, -28.8287



46.7510, 24.2798, -41.0006

Rectangle

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



43.8770, 33.5846, 8.0009



38.8890, 5.4777, 63.2413



32.8720, -16.2059, -28.8287



39.8940, 0.5453, -34.9870

Sweetspot

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



43.8770, 33.5846, 8.0009



118.7520, 12.9403, 2.8485



71.0240, 20.2012, -39.4860



57.4870, 8.1409, 2.2039



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



43.8770, 33.5846, 8.0009



39.7200, 51.9030, 12.5236



56.4350, 27.3935, 33.8215



51.2820, 2.3260, 0.6297



25.0420, 46.8143, 11.3642



51.4800, 96.3914, 23.2580

Inverse Universe

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



58.4400, 13.0941, 46.9721



62.1410, 20.1435, 72.6673



81.5650, -27.3935, -33.8215



52.2500, 0.8628, 3.2888



45.2280, 18.1286, 65.5750



93.2330, 37.8461, 134.8537

Previews

White Background



This preview shows how the YUV color 43.8770, 33.5846, 8.0009 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 43.8770, 33.5846, 8.0009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

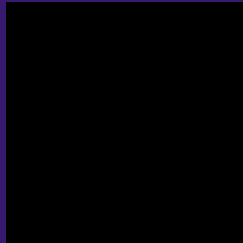
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.8770, 33.5846, 8.0009

Background



This preview shows how black text looks on a background with the YUV color 43.8770, 33.5846, 8.0009.



This preview shows how white text looks on a background with the YUV color 43.8770, 33.5846,

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

43.8770, 33.5846, 8.0009

Protanopia

37.1310, 28.0364, -32.5639

Deuteranopia

37.4100, 21.4899, -32.8086



Tritanopia

44.9710, 3.9583, -9.6216

Trichromacy



Original Color

43.8770, 33.5846, 8.0009

Protanomaly

39.5010, 30.3190, -17.9794

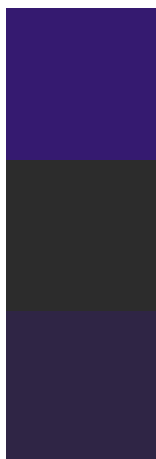
Deuteranomaly

39.6490, 25.8090, -18.1092

Tritanomaly

44.7620, 14.4143, -3.2993

Monochromacy



Original Color

43.8770, 33.5846, 8.0009

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8770, 33.5846, 8.0009 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(53, 26, 112)` looks like.

```
.text, #text, p{  
    color:rgb(53, 26, 112)  
}
```

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(53, 26, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 26, 112) }
```

Border

The CSS property to change the border of an element to YUV 43.8770, 33.5846, 8.0009 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(53, 26, 112) }
```


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

```
.border{ border-color:rgb(53, 26, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 26, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 26, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 26, 112);  
box-shadow:4px 4px 4px 4px rgb(53, 26,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 43.8770, 33.5846, 8.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 26, 112) }
```

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

```
.background{ background-color: rgb(53, 26,  
112) }
```

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