

Converting Colors

YUV(43.3000, 62.4631, 32.1859)

Have a look what the booklet for
YUV(43.3000, 62.4631, 32.1859)
contains.

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Color

**YUV(43.3000, 62.4631,
32.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	5000AA
RGB	80, 0, 170
RGB Percent	31%, 0%, 67%
CMY	0.6863, 1.0000, 0.3333
CMYK	0.53, 1.00, 0.00, 0.33
HSL	268°, 100%, 33%
HSV	268°, 100%, 67%
XYZ	10.5640, 4.6078, 38.3628
YIQ	43.3000, -6.8900, 69.8300

Conversions

Conversions Part 2

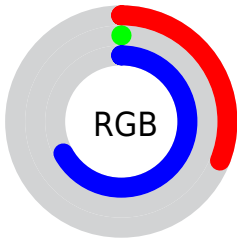
Format	Color
R_{YB}	80, 0, 170
Decimal	5243050
CIE _{Lab}	25.59, 61.15, -69.56
CIE _{LCh}	26, 92.612, 311.318
Yxy	4.6078, 0.1973, 0.0861
Android (android.graphics.Color)	4283433130 (0xFF5000AA)
YUV	43.3000, 62.4631, 32.1859
Hunter-Lab	21.4657, 50.2808, -90.9353

Details

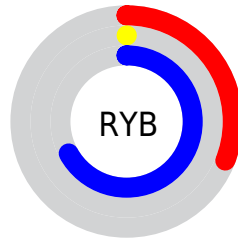
The YUV color **43.3000, 62.4631, 32.1859** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **126.7000, -62.4631, -32.1859**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1810, 59.5638, 28.7823**, and **13.2240, 50.6686, -11.5974** is the 20% darker color. If you saturate the color by 10%, you get **43.3000, 62.4631, 32.1859**, and if you desaturate by 10%, it is **55.9700, 56.2168, 28.9673**.

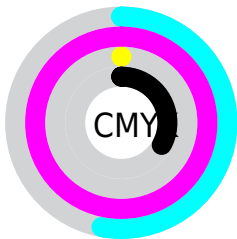
Distribution



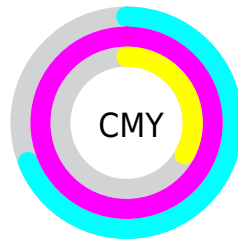
- Red (31%)
- Green (0%)
- Blue (67%)



- Red (31%)
- Yellow (0%)
- Blue (67%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3000, 62.4631, 32.1859 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 43.3000, 62.4631, 32.1859 by changing the saturation by 10% instead.

■ 43.3000, 62.4631,
32.1859

■ 43.3000, 62.4631,
32.1859

■ 255.0000, 0.0000,
0.0000

■ 30.3550, 55.5340,
14.5977

■ 106.1810, 59.5638,
28.7823

■ 13.2240, 50.6686,
-11.5974

■ 134.1920, 59.5583,
30.5266

■ 10.3740, 39.7486,
-9.0980

■ 159.0110, 47.3226,
35.0704

■ 11.6330, 26.8029,
-10.2021

■ 183.8300, 35.0868,
39.6141

■ 6.6630, 17.9141,
-5.8435

■ 208.0400, 23.1513,
41.1839

■ 2.9810, 8.8834,
-2.6143

■ 224.4760, 15.0483,

■ 0.0000, 0.0000,

26.7695

0.0000

■ 241.4990, 6.6560,
11.8404

■ 43.3000, 62.4631,
32.1859

■ 55.9700, 56.2168,
28.9673

■ 68.6400, 49.9705,
25.7487

■ 81.3100, 43.7242,
22.5301

■ 93.9800, 37.4779,
19.3115

■ 106.6500, 31.2316,
16.0930

■ 119.3200, 24.9852,
12.8744

■ 131.9900, 18.7389,
9.6558

■ 144.6600, 12.4926,
6.4372

■ 157.3300, 6.2463,
3.2186

Harmonies

Analogous

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



62.1120, 70.4438, -54.4722



43.3000, 62.4631, 32.1859



58.6570, 24.3261, 84.4928

Triad

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



43.3000, 62.4631, 32.1859



54.8970, -27.0642, 47.4483



58.6390, 13.9820, -51.4264

Complementary

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



43.3000, 62.4631, 32.1859



126.7000, -62.4631, -32.1859

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.



48.1170, -21.2567, -42.1986



43.3000, 62.4631, 32.1859



54.2790, -26.7595, -3.7527

Square

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



43.3000, 62.4631, 32.1859



45.1490, -22.2585, 92.8313



45.1990, -22.2831, -39.6395



67.5650, 43.1055, -59.2545

Rectangle

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



43.3000, 62.4631, 32.1859



57.8980, 2.0223, 98.3135



45.1990, -22.2831, -39.6395



55.2020, 3.3514, -48.4122

Sweetspot

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



43.3000, 62.4631, 32.1859



172.2060, 24.5484, 12.9743



72.7970, 47.9211, -63.8430



82.2410, 14.6712, 7.6816



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



43.3000, 62.4631, 32.1859



56.4040, 81.6388, 41.7417



68.4160, 50.0809, 83.8272



78.1080, 2.9048, 1.6593



37.8020, 54.3276, 28.2376



5.2700, 7.2619, 4.1482

Inverse Universe

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



61.0900, 14.2526, 95.5141



79.7160, 18.3810, 124.7831



101.5840, -50.0809, -83.8272



78.8480, 0.5679, 4.5183



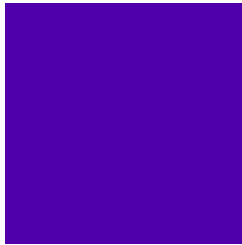
53.1440, 12.2540, 83.1887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 43.3000, 62.4631, 32.1859 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

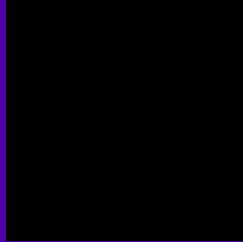
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3000, 62.4631, 32.1859

Background



This preview shows how black text looks on a background with the YUV color 43.3000, 62.4631, 32.1859.



This preview shows how white text looks on a background with the YUV color 43.3000, 62.4631,

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

50.5130, 38.6941, -44.2999

Deuteranopia

50.6950, 29.2374, -44.4595

Tritanopia

61.4870, 4.6899, -10.9511

Trichromacy



Protanomaly

47.9800, 47.3379, -16.6455

Deuteranomaly

47.7860, 41.5175, -16.4753

Tritanomaly

54.7920, 25.7385, 4.5674

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7390, 22.8067, 11.6299

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3000, 62.4631, 32.1859 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(80, 0, 170)` looks like.

```
.text, #text, p{  
    color:rgb(80, 0, 170)  
}
```

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(80, 0, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 0, 170) }
```

Border

The CSS property to change the border of an element to YUV 43.3000, 62.4631, 32.1859 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(80, 0, 170) }
```

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

```
.border{ border-color:rgb(80, 0, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 0, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(80, 0, 170)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.3000, 62.4631, 32.1859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 0, 170) }
```

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

```
.background{ background-color: rgb(80, 0,  
170) }
```

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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