

Converting Colors

YUV(57.7850, 53.3500, 15.0976)

Have a look what the booklet for
YUV(57.7850, 53.3500, 15.0976)
contains.

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Color

**YUV(57.7850, 53.3500,
15.0976)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1CA6
RGB	75, 28, 166
RGB Percent	29%, 11%, 65%
CMY	0.7059, 0.8902, 0.3490
CMYK	0.55, 0.83, 0.00, 0.35
HSL	260°, 71%, 38%
HSV	260°, 83%, 65%
XYZ	10.1998, 5.0795, 36.5193
YIQ	57.7850, -16.2860, 52.8820

Conversions

Conversions Part 2

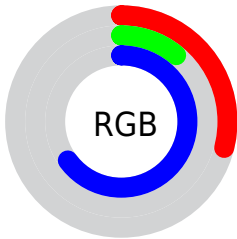
Format	Color
RYB	75, 28, 166
Decimal	4922534
CIELab	26.96, 52.43, -64.89
CIELCh	27, 83.424, 308.939
Yxy	5.0795, 0.1969, 0.0981
Android (android.graphics.Color)	4283112614 (0xFF4B1CA6)
YUV	57.7850, 53.3500, 15.0976
Hunter-Lab	22.5378, 41.3417, -80.2943

Details

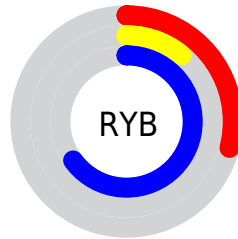
The YUV color **57.7850, 53.3500, 15.0976** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **136.2150, -53.3500, -15.0976**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.3340, 54.0653, 19.0011**, and **12.8820, 49.3582, -11.2975** is the 20% darker color. If you saturate the color by 10%, you get **44.5170, 59.8911, 17.0866**, and if you desaturate by 10%, it is **71.0530, 46.8089, 13.1085**.

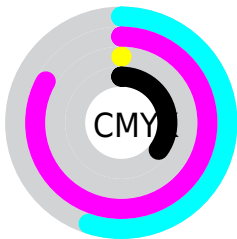
Distribution



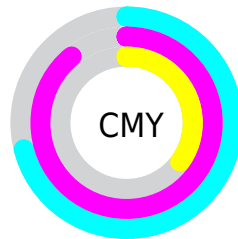
- Red (29%)
- Green (11%)
- Blue (65%)



- Red (29%)
- Yellow (11%)
- Blue (65%)



- Cyan (55%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7850, 53.3500, 15.0976 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 57.7850, 53.3500, 15.0976 by changing the saturation by 10% instead.

■ 57.7850, 53.3500,
15.0976

■ 57.7850, 53.3500,
15.0976

■ 255.0000, 0.0000,
0.0000

■ 28.7030, 54.3764,
12.5385

■ 112.3340, 54.0653,
19.0011

■ 12.8820, 49.3582,
-11.2975

■ 138.9860, 55.2229,
21.0603

■ 9.9180, 38.0014,
-8.6981

■ 163.9620, 44.8817,
24.5893

■ 10.7040, 25.7819,
-9.3874

■ 188.4820, 32.7934,
28.5183

■ 6.3210, 16.6037,
-5.5435

■ 213.6000, 20.4102,
33.6768

■ 2.6390, 7.5730,
-2.3144

■ 230.9330, 11.8650,

■ 0.0000, 0.0000,

21.1068

0.0000

247.9560, 3.4727,
6.1776

57.7850, 53.3500,
15.0976

57.7850, 53.3500,
15.0976

44.5170, 59.8911,
17.0866

71.0530, 46.8089,
13.1085

35.9670, 64.1063,
18.4459

83.7340, 40.5571,
11.6343

97.0020, 34.0160,
9.6452

109.6830, 27.7643,
8.1710

122.9510, 21.2232,
6.1820

■ 136.2190, 14.6820,
4.1929

■ 148.9000, 8.4303,
2.7187

■ 162.1680, 1.8892,
0.7297

■ 174.8490, -4.3626,
-0.7446

Harmonies

Analogous

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



62.7330, 65.2076, -55.0168



57.7850, 53.3500, 15.0976



56.6070, 26.8157, 79.2747

Triad

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



57.7850, 53.3500, 15.0976



58.1530, -28.6694, 48.9778



59.2430, 11.2192, -51.9561

Complementary

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



57.7850, 53.3500, 15.0976



136.2150, -53.3500, -15.0976

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.



49.6330, -20.5251, -43.5281



57.7850, 53.3500, 15.0976



58.4540, -28.8178, 3.1098

Square

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



57.7850, 53.3500, 15.0976



44.8500, -22.1110, 92.2166



46.3730, -22.8619, -40.6691



67.0120, 38.4481, -58.7695

Rectangle

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



57.7850, 53.3500, 15.0976



56.9020, 5.9643, 93.9249



46.3730, -22.8619, -40.6691



56.1480, 1.8990, -49.2418

Sweetspot

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



57.7850, 53.3500, 15.0976



174.5380, 20.9338, 5.6672



97.7360, 33.6542, -61.1585



84.0510, 12.7929, 3.4633



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



57.7850, 53.3500, 15.0976



46.8640, 83.8770, 23.7983



78.1170, 43.3263, 56.9024



77.8090, 3.0522, 1.0445



31.8220, 57.2758, 15.9421



4.3730, 7.7041, 2.3039

Inverse Universe

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



79.6360, 19.4065, 75.7412



81.1850, 30.4748, 119.1098



115.8830, -43.3263, -56.9024



78.9620, 1.0047, 4.4183



55.4240, 20.9900, 81.1892



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 57.7850, 53.3500, 15.0976 looks on a white background.

Color Contrast Check

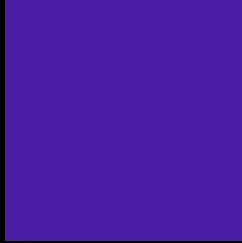
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.7850, 53.3500, 15.0976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

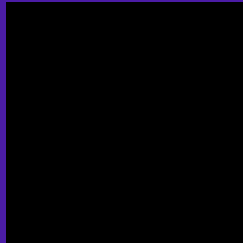
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7850, 53.3500, 15.0976

Background



This preview shows how black text looks on a background with the YUV color 57.7850, 53.3500, 15.0976.



This preview shows how white text looks on a background with the YUV color 57.7850, 53.3500,

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

57.7850, 53.3500, 15.0976

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.5100, 29.8216, -45.1743



Tritanopia

61.2090, 6.3060, -15.9693

Trichromacy



Original Color

57.7850, 53.3500, 15.0976

Protanomaly

53.8390, 44.4494, -23.5378

Deuteranomaly

53.6450, 38.6290, -23.3677

Tritanomaly

59.7540, 23.2923, -4.1693

Monochromacy



Original Color

57.7850, 53.3500, 15.0976

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7830, 19.3340, 5.4523

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7850, 53.3500, 15.0976 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(75, 28, 166)` looks like.

```
.text, #text, p{  
    color:rgb(75, 28, 166)  
}
```

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(75, 28, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 28, 166) }
```

Border

The CSS property to change the border of an element to YUV 57.7850, 53.3500, 15.0976 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(75, 28, 166) }
```


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

```
.border{ border-color:rgb(75, 28, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 28, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 28, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 28, 166);  
box-shadow:4px 4px 4px 4px rgb(75, 28,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 57.7850, 53.3500, 15.0976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 28, 166) }
```

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

```
.background{ background-color: rgb(75, 28,  
166) }
```

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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