

Converting Colors

YUV(51.9500, 16.2937, 47.4019)

Have a look what the booklet for
YUV(51.9500, 16.2937, 47.4019)
contains.

YUV(51.9500, 16.2937, 47.4019)	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(51.9500, 16.2937,
47.4019)**

Conversions

Conversions Part 1

Format	Color
Hex	6A1255
RGB	106, 18, 85
RGB Percent	42%, 7%, 33%
CMY	0.5843, 0.9294, 0.6667
CMYK	0.00, 0.83, 0.20, 0.58
HSL	314°, 71%, 24%
HSV	314°, 83%, 42%
XYZ	7.7999, 4.1527, 8.9848
YIQ	51.9500, 30.9410, 39.4930

Conversions

Conversions Part 2

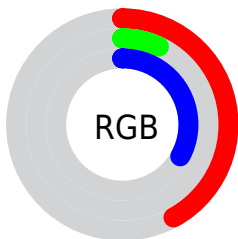
Format	Color
R_{YB}	106, 18, 85
Decimal	6951509
CIE _{Lab}	24.17, 44.13, -17.81
CIE _{LCh}	24, 47.593, 338.020
Yxy	4.1527, 0.3725, 0.1983
Android (android.graphics.Color)	4285141589 (0xFF6A1255)
YUV	51.9500, 16.2937, 47.4019
Hunter-Lab	20.3781, 32.6605, -11.8765

Details

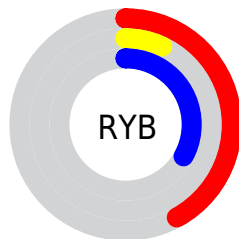
The YUV color **51.9500, 16.2937, 47.4019** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72.0500, -16.2936, -47.4018**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0810, 14.2571, 47.2870**, and **21.0050, 9.3645, 29.8136** is the 20% darker color. If you saturate the color by 10%, you get **45.1510, 18.1666, 53.3646**, and if you desaturate by 10%, it is **58.7490, 14.4207, 41.4391**.

Distribution



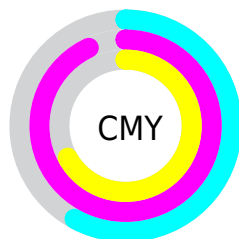
- Red (42%)
- Green (7%)
- Blue (33%)



- Red (42%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (83%)
- Yellow (20%)
- Black (58%)



- Cyan (58%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9500, 16.2937, 47.4019 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 51.9500, 16.2937, 47.4019 by changing the saturation by 10% instead.

■ 51.9500, 16.2937,
47.4019

■ 51.9500, 16.2937,
47.4019

■ 255.0000, 0.0000,
0.0000

■ 30.9880, 15.2889,
42.9835

■ 106.0810, 14.2571,
47.2870

■ 21.0050, 9.3645,
29.8136

■ 132.6790, 13.9623,
48.5165

■ 10.7230, 3.5876,
16.0289

■ 159.6900, 13.9568,
50.2609

■ 0.0000, 0.0000,
0.0000

■ 187.4020, 14.0988,
51.3904


■ 209.2480, 17.6257,
40.1245


■ 227.4110, 13.6014,


24.1956


 243.8470, 5.4984,
9.7812


 51.9500, 16.2937,
47.4019


 51.9500, 16.2937,
47.4019

 45.1510, 18.1666,
53.3646

 58.7490, 14.4207,
41.4391

 40.9280, 19.7555,
57.0681

 64.8470, 12.4004,
36.0912

 71.6460, 10.5275,
30.1285

 77.7440, 8.5072,
24.7805

 84.5430, 6.6343,
18.8178

■ 91.2280, 4.3246,
12.9550

■ 97.4400, 2.7411,
7.5071

■ 104.1250, 0.4314,
1.6444

■ 110.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



58.0960, 28.0537, 8.6858



51.9500, 16.2937, 47.4019



42.4550, 3.7197, 67.1300

Triad

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



51.9500, 16.2937, 47.4019



53.4700, -26.3607, 8.3578



53.7780, 23.2804, -47.1633

Complementary

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



51.9500, 16.2937, 47.4019



72.0500, -16.2936, -47.4018

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.



49.7880, 7.9925, -43.6641



51.9500, 16.2937, 47.4019



45.9070, -22.6322, -20.9664

Square

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



51.9500, 16.2937, 47.4019



53.9230, -26.5840, 33.3935



44.9830, -7.8796, -39.4501



54.0520, 34.4844, -47.4036

Rectangle

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



51.9500, 16.2937, 47.4019



47.0400, -10.3727, 60.4779



44.9830, -7.8796, -39.4501



52.5240, 18.4757, -46.0635

Sweetspot

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



51.9500, 16.2937, 47.4019



116.4290, 6.1975, 18.9178



34.3110, 35.3427, 4.1123



56.1030, 3.8932, 11.3107



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



51.9500, 16.2937, 47.4019



53.2320, 25.5216, 74.3415



46.9340, -2.9255, 51.8009



50.2500, 0.8628, 3.2887



45.1290, 21.6284, 63.0309



94.4590, 45.1297, 132.0245

Inverse Universe

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



51.9500, 16.2937, 47.4019



53.2320, 25.5216, 74.3415



77.0660, 2.9255, -51.8009



50.2500, 0.8628, 3.2887



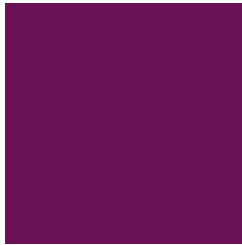
45.1290, 21.6284, 63.0309



94.4590, 45.1297, 132.0245

Previews

White Background



This preview shows how the YUV color 51.9500, 16.2937, 47.4019 looks on a white background.

Color Contrast Check

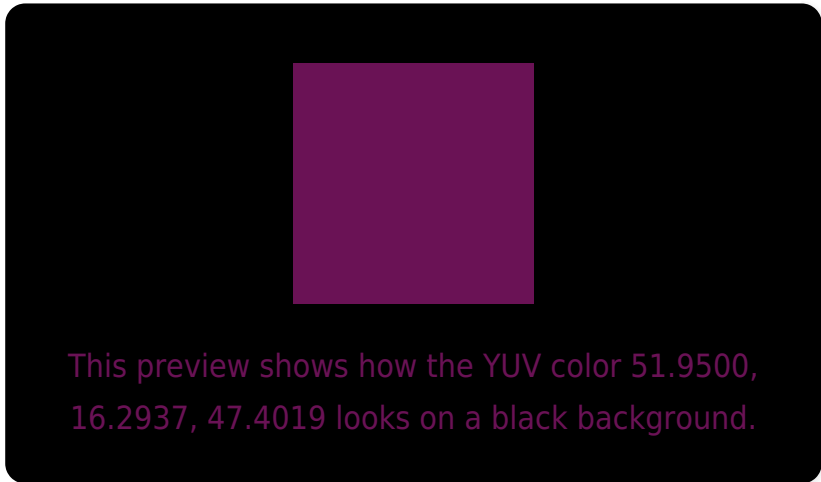
Large Text (above 18pt) WCAG AA ✓ Pass

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

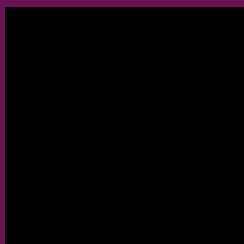
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9500, 16.2937, 47.4019

Background



This preview shows how black text looks on a background with the YUV color 51.9500, 16.2937, 47.4019.



This preview shows how white text looks on a background with the YUV color 51.9500, 16.2937,

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

51.9500, 16.2937, 47.4019

Protanopia

54.4460, 30.3461, -26.7011

Deuteranopia

59.8990, 9.9098, -5.1734



Tritanopia

56.6630, -8.7079, 39.7605

Trichromacy



Original Color

51.9500, 16.2937, 47.4019

Protanomaly

53.3570, 25.4600, 0.5639

Deuteranomaly

57.0030, 12.3235, 14.0294

Tritanomaly

54.7910, 0.5960, 42.2793

Monochromacy



Original Color

51.9500, 16.2937, 47.4019

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3040, 5.7661, 17.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9500, 16.2937, 47.4019 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(106, 18, 85)` looks like.

```
.text, #text, p{  
    color:rgb(106, 18, 85)  
}
```

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(106, 18, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 18, 85) }
```

Border

The CSS property to change the border of an element to YUV 51.9500, 16.2937, 47.4019 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(106, 18, 85) }
```


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

```
.border{ border-color:rgb(106, 18, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 18, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 18, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 18, 85);  
box-shadow:4px 4px 4px 4px rgb(106, 18,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 51.9500, 16.2937, 47.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 18, 85) }
```

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

```
.background{ background-color: rgb(106, 18,  
85) }
```

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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