

Converting Colors

YUV(49.5800, 17.4621, 45.9723)

Have a look what the booklet for
YUV(49.5800, 17.4621, 45.9723)
contains.

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Color

**YUV(49.5800, 17.4621,
45.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	661055
RGB	102, 16, 85
RGB Percent	40%, 6%, 33%
CMY	0.6000, 0.9373, 0.6667
CMYK	0.00, 0.84, 0.17, 0.60
HSL	312°, 73%, 23%
HSV	312°, 84%, 40%
XYZ	7.3045, 3.8512, 8.9527
YIQ	49.5800, 29.1070, 39.6910

Conversions

Conversions Part 2

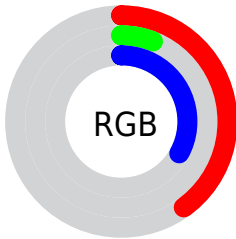
Format	Color
R_{YB}	102, 16, 85
Decimal	6688853
CIE _{Lab}	23.17, 43.73, -19.43
CIE _{LCh}	23, 47.850, 336.045
Yxy	3.8512, 0.3633, 0.1915
Android (android.graphics.Color)	4284878933 (0xFF661055)
YUV	49.5800, 17.4621, 45.9723
Hunter-Lab	19.6246, 32.0966, -13.3108

Details

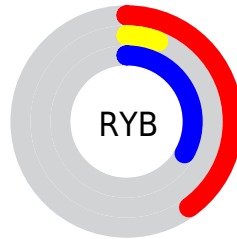
The YUV color **49.5800, 17.4621, 45.9723** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **68.4200, -17.4621, -45.9723**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7110, 15.4255, 45.8575**, and **20.1080, 9.8068, 27.9693** is the 20% darker color. If you saturate the color by 10%, you get **43.4820, 19.4824, 51.3203**, and if you desaturate by 10%, it is **55.6780, 15.4417, 40.6244**.

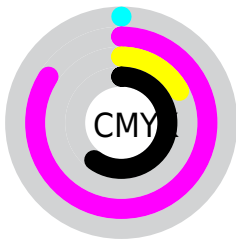
Distribution



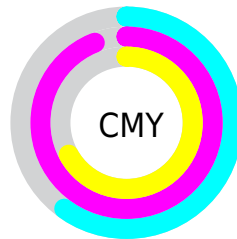
- Red (40%)
- Green (6%)
- Blue (33%)



- Red (40%)
- Yellow (6%)
- Blue (33%)



- Cyan (0%)
- Magenta (84%)
- Yellow (17%)
- Black (60%)



- Cyan (60%)
- Magenta (94%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5800, 17.4621, 45.9723 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 49.5800, 17.4621, 45.9723 by changing the saturation by 10% instead.

■ 49.5800, 17.4621,
45.9723

■ 49.5800, 17.4621,
45.9723

■ 255.0000, 0.0000,
0.0000

■ 29.7920, 15.8785,
40.5244

■ 103.7110, 15.4255,
45.8575

■ 20.1080, 9.8068,
27.9693

■ 130.3090, 15.1307,
47.0870

■ 8.9290, 4.4720,
12.3403

■ 157.0210, 15.2726,
48.2166

■ 0.0000, 0.0000,
0.0000

■ 184.7330, 15.4146,
49.3462

■ 208.0740, 18.2045,
41.1541

■ 225.6500, 14.4696,

25.7400

242.6730, 6.0772,
10.8108

49.5800, 17.4621,
45.9723

49.5800, 17.4621,
45.9723

43.4820, 19.4824,
51.3203

55.6780, 15.4417,
40.6244

39.8460, 20.7819,
54.5091

61.7760, 13.4214,
35.2764

68.4610, 11.1117,
29.4137

74.5590, 9.0914,
24.0658

80.6570, 7.0711,
18.7178

■ 86.7550, 5.0508,
13.3699

■ 92.8530, 3.0305,
8.0219

■ 99.5380, 0.7208,
2.1592

■ 105.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



56.1880, 28.5013, 5.0971



49.5800, 17.4621, 45.9723



40.3840, 4.7407, 66.3152

Triad

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



49.5800, 17.4621, 45.9723



51.7090, -25.4925, 9.9022



52.1480, 22.1120, -45.7338

Complementary

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



49.5800, 17.4621, 45.9723



68.4200, -17.4621, -45.9723

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.



48.1580, 6.8241, -42.2346



49.5800, 17.4621, 45.9723



44.7440, -22.0588, -18.1925

Square

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



49.5800, 17.4621, 45.9723



51.8630, -25.5685, 34.3231



42.6520, -9.1954, -37.4058



53.1230, 33.4634, -46.5889

Rectangle

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



49.5800, 17.4621, 45.9723



42.4470, -7.6154, 62.7520



42.6520, -9.1954, -37.4058



50.8940, 17.3073, -44.6340

Sweetspot

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



49.5800, 17.4621, 45.9723



112.2440, 6.7817, 18.2030



30.5880, 35.2061, 1.2383



53.8040, 4.0406, 10.6959



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



49.5800, 17.4621, 45.9723



51.8510, 26.6955, 71.1677



44.7920, -0.8835, 50.1714



47.9510, 1.0102, 2.6740



44.8730, 23.2336, 61.5014



94.4740, 49.0663, 129.3803

Inverse Universe

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



49.5800, 17.4621, 45.9723



51.8510, 26.6955, 71.1677



73.2080, 0.8835, -50.1714



47.9510, 1.0102, 2.6740



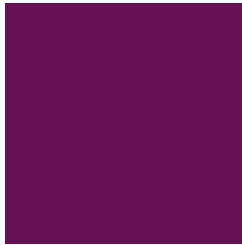
44.8730, 23.2336, 61.5014



94.4740, 49.0663, 129.3803

Previews

White Background



This preview shows how the YUV color 49.5800, 17.4621, 45.9723 looks on a white background.

Color Contrast Check

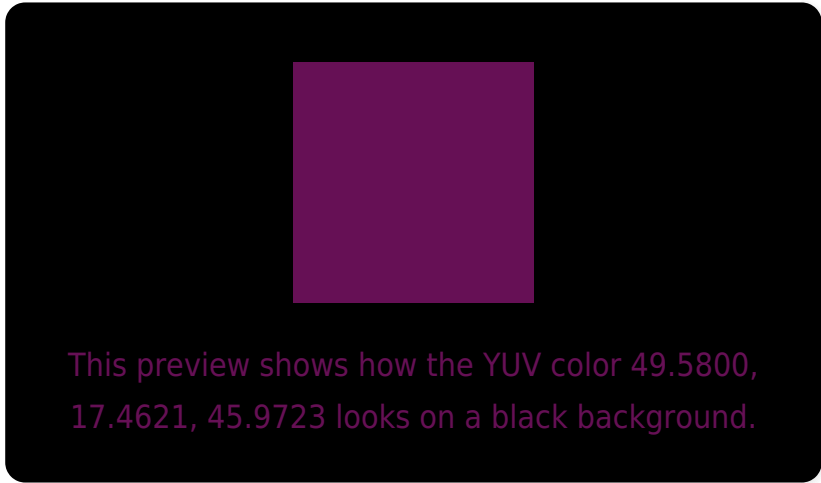
Large Text (above 18pt) WCAG AA ✓ Pass

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

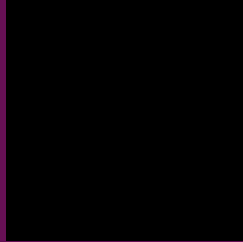
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5800, 17.4621, 45.9723

Background



This preview shows how black text looks on a background with the YUV color 49.5800, 17.4621, 45.9723.



This preview shows how white text looks on a background with the YUV color 49.5800, 17.4621,

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

49.5800, 17.4621, 45.9723

Protanopia

48.9120, 33.5674, -33.2488

Deuteranopia

57.5290, 11.0782, -6.6029



Tritanopia

54.7660, -8.2656, 37.9162

Trichromacy



Original Color

49.5800, 17.4621, 45.9723

Protanomaly

49.1930, 27.5129, -4.5543

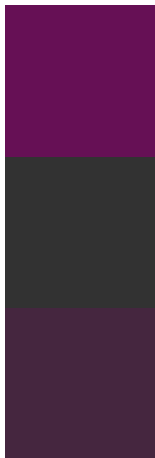
Deuteranomaly

54.6330, 13.4919, 12.5999

Tritanomaly

52.8940, 1.0383, 40.4350

Monochromacy



Original Color

49.5800, 17.4621, 45.9723

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5800, 17.4621, 45.9723 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(102, 16, 85)` looks like.

```
.text, #text, p{  
    color:rgb(102, 16, 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(102, 16, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 16, 85) }
```

Border

The CSS property to change the border of an element to YUV 49.5800, 17.4621, 45.9723 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(102, 16, 85) }
```


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

```
.border{ border-color:rgb(102, 16, 85) }
```

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

Here you see how a box with a 4 pixel rgb(102, 16, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 16, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 16, 85);  
box-shadow:4px 4px 4px 4px rgb(102, 16,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 49.5800, 17.4621, 45.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 16, 85) }
```

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

```
.background{ background-color: rgb(102, 16,  
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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