

Converting Colors

YUV(45.2710, 19.5864, 64.6603)

Have a look what the booklet for
YUV(45.2710, 19.5864, 64.6603)
contains.

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Color

**YUV(45.2710, 19.5864,
64.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	770055
RGB	119, 0, 85
RGB Percent	47%, 0%, 33%
CMY	0.5333, 1.0000, 0.6667
CMYK	0.00, 1.00, 0.29, 0.53
HSL	317°, 100%, 23%
HSV	317°, 100%, 47%
XYZ	9.2474, 4.5778, 8.9905
YIQ	45.2710, 43.6390, 51.6630

Conversions

Conversions Part 2

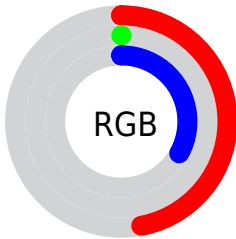
Format	Color
R_YB	119, 0, 85
Decimal	7798869
CIE Lab	25.50, 51.10, -15.55
CIE LCh	25, 53.415, 343.080
Yxy	4.5778, 0.4053, 0.2006
Android (android.graphics.Color)	4285988949 (0xFF770055)
YUV	45.2710, 19.5864, 64.6603
Hunter-Lab	21.3958, 39.7064, -9.9366

Details

The YUV color **45.2710, 19.5864, 64.6603** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **73.7290, -19.5864, -64.6603**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0440, 13.7823, 59.5974**, and **24.2940, 7.7431, 36.5762** is the 20% darker color. If you saturate the color by 10%, you get **45.2710, 19.5864, 64.6603**, and if you desaturate by 10%, it is **52.6570, 17.4241, 58.1828**.

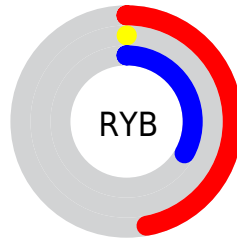
Distribution



Red (47%)

Green (0%)

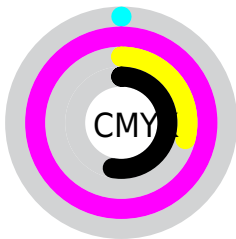
Blue (33%)



Red (47%)

Yellow (0%)

Blue (33%)

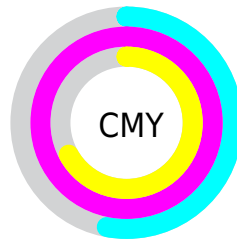


Cyan (0%)

Magenta (100%)

Yellow (29%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2710, 19.5864, 64.6603 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 45.2710, 19.5864, 64.6603 by changing the saturation by 10% instead.

45.2710, 19.5864,
64.6603

45.2710, 19.5864,
64.6603

255.0000, 0.0000,
0.0000

34.5760, 13.5200,
50.3608

107.0440, 13.7823,
59.5974

24.2940, 7.7431,
36.5762

134.5280, 13.0507,
60.9269

14.3110, 1.8187,
23.4063

162.1260, 12.7559,
62.1565

0.0000, 0.0000,
0.0000

188.3320, 13.6403,
58.4678

207.3730, 18.0571,
41.7689

225.6500, 14.4696,

25.7400

■ 242.6730, 6.0772,
10.8108

■ 45.2710, 19.5864,
64.6603

■ 52.6570, 17.4241,
58.1828

■ 60.1570, 15.6986,
51.6053

■ 67.5430, 13.5363,
45.1278

■ 75.0430, 11.8108,
38.5503

■ 81.8420, 9.9379,
32.5876

■ 89.2280, 7.7756,
26.1100

■ 96.7280, 6.0501,
19.5325

■ 104.1140, 3.8878,
13.0550

■ 111.6140, 2.1623,
6.4775

Harmonies

Analogous

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



61.0910, 29.0421, 18.3372



45.2710, 19.5864, 64.6603



43.7010, 0.6404, 74.8072

Triad

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



45.2710, 19.5864, 64.6603



55.2090, -27.2180, 3.3247



57.8360, 28.6749, -50.7222

Complementary

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



45.2710, 19.5864, 64.6603



73.7290, -19.5864, -64.6603

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.



54.0910, 11.7871, -47.4378



45.2710, 19.5864, 64.6603



42.2640, -20.8362, -37.0655

Square

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



45.2710, 19.5864, 64.6603



57.1570, -28.1784, 31.4343



48.6020, -6.7058, -42.6240



58.1100, 39.8788, -50.9625

Rectangle

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



45.2710, 19.5864, 64.6603



46.8730, -13.7414, 67.6404



48.6020, -6.7058, -42.6240



57.0550, 23.1439, -50.0372

Sweetspot

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



45.2710, 19.5864, 64.6603



126.8150, 7.4862, 25.5952



23.7320, 46.9671, 9.0050



61.6520, 4.6086, 15.2142



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



45.2710, 19.5864, 64.6603



59.2980, 25.4891, 84.8077



38.5450, -6.1847, 70.5590



55.2500, 0.8628, 3.2888



46.3960, 20.0178, 66.3047



95.0420, 40.8983, 135.8982

Inverse Universe

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



45.2710, 19.5864, 64.6603



59.2980, 25.4891, 84.8077



80.4550, 6.1847, -70.5590



55.2500, 0.8628, 3.2888



46.3960, 20.0178, 66.3047



95.1560, 41.3351, 135.7982

Previews

White Background



This preview shows how the YUV color 45.2710, 19.5864, 64.6603 looks on a white background.

Color Contrast Check

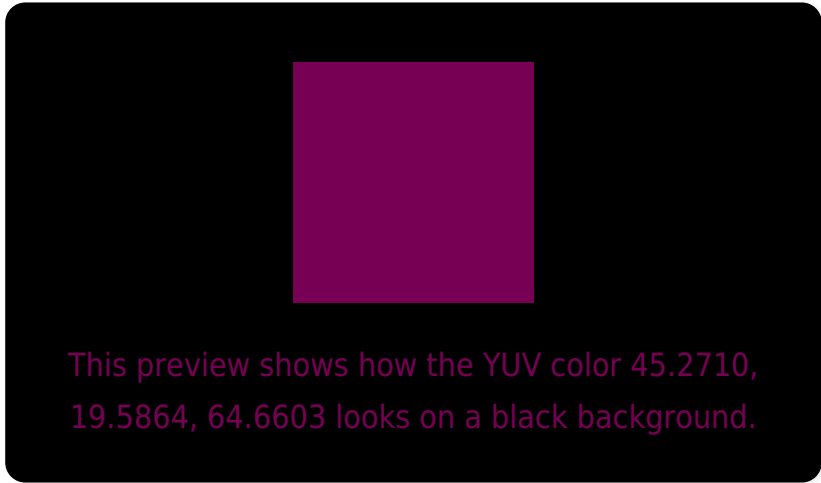
Large Text (above 18pt) WCAG AA ✓ Pass

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

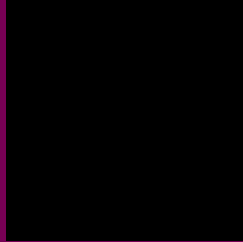
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.2710, 19.5864, 64.6603

Background



This preview shows how black text looks on a background with the YUV color 45.2710, 19.5864, 64.6603.



This preview shows how white text looks on a background with the YUV color 45.2710, 19.5864,

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

59.7560, 30.1933, -24.3420

Deuteranopia

64.5250, 7.1362, -2.2144

Tritanopia

58.3330, -11.5032, 49.6970

Trichromacy



Protanomaly

54.3410, 26.4539, 8.4709

Deuteranomaly

57.5310, 11.5702, 22.3363

Tritanomaly

53.6400, -0.3155, 54.6897

Monochromacy



Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.3910, 7.2022, 23.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2710, 19.5864, 64.6603 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(119, 0, 85)` looks like.

```
.text, #text, p{  
  color:rgb(119, 0, 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(119, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 85) }
```

Border

The CSS property to change the border of an element to YUV 45.2710, 19.5864, 64.6603 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(119, 0, 85) }
```

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

```
.border{ border-color:rgb(119, 0, 85) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 85);  
box-shadow:4px 4px 4px 4px rgb(119, 0, 85)  
}
```


Background

The CSS property to change the background color of an element to YUV 45.2710, 19.5864, 64.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 85) }
```

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

```
.background{ background-color: rgb(119, 0,  
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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