

Converting Colors

YUV(57.4730, 33.2908, 55.7132)

Have a look what the booklet for
YUV(57.4730, 33.2908, 55.7132)
contains.

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Color

**YUV(57.4730, 33.2908,
55.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	790C7D
RGB	121, 12, 125
RGB Percent	47%, 5%, 49%
CMY	0.5255, 0.9529, 0.5098
CMYK	0.03, 0.90, 0.00, 0.51
HSL	298°, 82%, 27%
HSV	298°, 90%, 49%
XYZ	11.7183, 5.8086, 19.9056
YIQ	57.4730, 28.6910, 58.2510

Conversions

Conversions Part 2

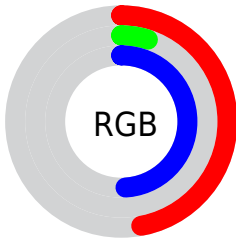
Format	Color
R_{YB}	121, 12, 125
Decimal	7933053
CIE Lab	28.92, 55.22, -36.05
CIE LCh	29, 65.945, 326.856
Yxy	5.8086, 0.3131, 0.1552
Android (android.graphics.Color)	4286123133 (0xFF790C7D)
YUV	57.4730, 33.2908, 55.7132
Hunter-Lab	24.1010, 44.6131, -32.0984

Details

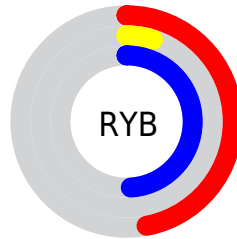
The YUV color **57.4730, 33.2908, 55.7132** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **79.5270, -33.2908, -55.7132**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2400, 29.9547, 52.4095**, and **28.8820, 22.7362, 34.3065** is the 20% darker color. If you saturate the color by 10%, you get **50.4290, 36.7635, 61.8908**, and if you desaturate by 10%, it is **64.5170, 29.8181, 49.5356**.

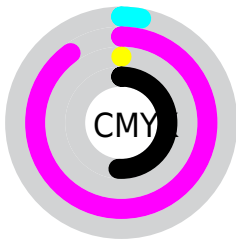
Distribution



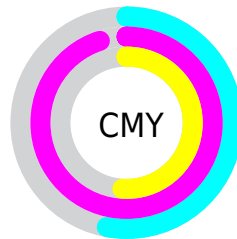
- Red (47%)
- Green (5%)
- Blue (49%)



- Red (47%)
- Yellow (5%)
- Blue (49%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (95%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4730, 33.2908, 55.7132 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 57.4730, 33.2908, 55.7132 by changing the saturation by 10% instead.

■ 57.4730, 33.2908,
55.7132

■ 57.4730, 33.2908,
55.7132

255.0000, 0.0000,
0.0000

■ 39.5060, 29.8235,
47.7912

■ 117.2400, 29.9547,
52.4095

■ 28.8820, 22.7362,
34.3065

■ 144.6530, 30.2441,
52.9243

■ 19.3830, 16.0802,
22.4661

■ 172.3650, 30.3861,
54.0539

■ 3.4200, 13.1039,
-2.9993

■ 197.4740, 28.3603,
50.4503

■ 0.0000, 0.0000,
0.0000

■ 213.9100, 20.2574,
36.0359

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

57.4730, 33.2908,
55.7132

57.4730, 33.2908,
55.7132

50.4290, 36.7635,
61.8908

64.5170, 29.8181,
49.5356

72.4470, 25.9086,
43.4580

79.4910, 22.4359,
37.2804

87.4210, 18.5264,
31.2028

94.4650, 15.0538,
25.0252

■ 102.3950, 11.1443,
18.9476

■ 109.4390, 7.6716,
12.7700

■ 117.3690, 3.7621,
6.6924

■ 125.0000, 0.0000,
0.0000

Harmonies

Analogous

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



61.0820, 49.2596, -26.3819



57.4730, 33.2908, 55.7132



53.5140, 11.0856, 84.6182

Triad

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



57.4730, 33.2908, 55.7132



64.7660, -31.9296, 21.2532



64.5380, 23.8918, -56.5998

Complementary

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



57.4730, 33.2908, 55.7132



79.5270, -33.2908, -55.7132

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.



58.0230, 1.4677, -50.8862



57.4730, 33.2908, 55.7132



57.1480, -28.1740, -16.7928

Square

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



57.4730, 33.2908, 55.7132



59.9800, -29.5701, 57.8995



49.8950, -24.5982, -43.7579



68.1520, 42.8161, -59.7693

Rectangle

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



57.4730, 33.2908, 55.7132



50.3500, -3.6236, 89.1471



49.8950, -24.5982, -43.7579



62.7140, 16.9030, -55.0002

Sweetspot

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



57.4730, 33.2908, 55.7132



136.8730, 12.8806, 22.0364



28.4040, 47.6218, -14.3863



65.8520, 7.9610, 13.2848



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



57.4730, 33.2908, 55.7132



65.5250, 48.0552, 80.2236



52.8550, 10.4245, 63.2712



59.8910, 2.0257, 3.6036



51.3690, 37.7791, 62.8204



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.2430, -14.9098, 69.0699



49.4210, -21.4066, 99.6088



84.1450, -10.4245, -63.2712



59.2070, -0.5951, 4.2035



38.8420, -16.6841, 78.1916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 57.4730, 33.2908, 55.7132 looks on a white background.

Color Contrast Check

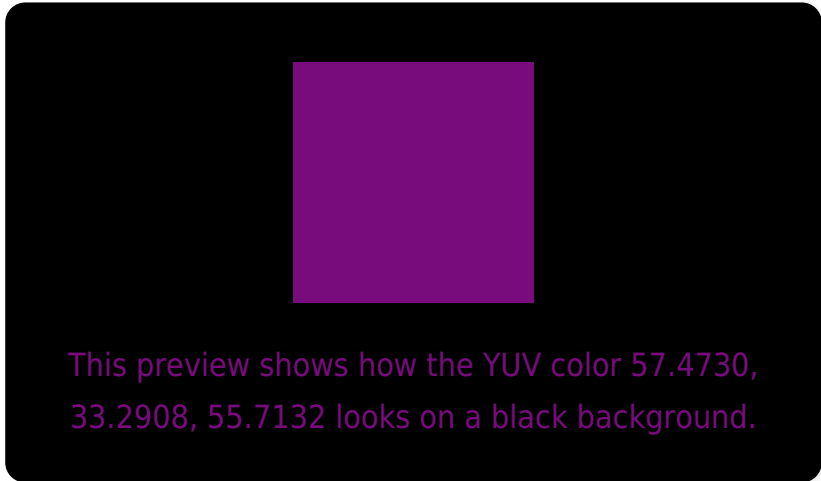
Large Text (above 18pt) WCAG AA ✓ Pass

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

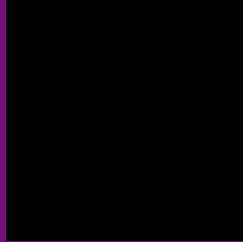
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4730, 33.2908, 55.7132

Background



This preview shows how black text looks on a background with the YUV color 57.4730, 33.2908, 55.7132.



This preview shows how white text looks on a background with the YUV color 57.4730, 33.2908,

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

57.4730, 33.2908, 55.7132

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

66.4910, 25.3939, -24.9866



Tritanopia

69.1790, -7.9762, 38.4310

Trichromacy



Original Color

57.4730, 33.2908, 55.7132



Protanomaly

56.9500, 39.4647, -11.3571



Deuteranomaly

63.4760, 28.3593, 3.9675



Tritanomaly

64.8220, 6.9898, 44.8831

Monochromacy



Original Color

57.4730, 33.2908, 55.7132



Achromatopsia

57.0000, 0.0000, 0.0000



Achromatomaly

57.3350, 12.1598, 19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4730, 33.2908, 55.7132 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(121, 12, 125)` looks like.

```
.text, #text, p{  
    color:rgb(121, 12, 125)  
}
```

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(121, 12, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 12, 125) }
```

Border

The CSS property to change the border of an element to YUV 57.4730, 33.2908, 55.7132 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(121, 12, 125) }
```


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

```
.border{ border-color:rgb(121, 12, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 12, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 12, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 12, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 12,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 57.4730, 33.2908, 55.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 12, 125) }
```

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

```
.background{ background-color: rgb(121, 12,  
125) }
```

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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