

Converting Colors

YUV(123.2450, 55.5882,
-2.8459)

Have a look what the booklet for
YUV(123.2450, 55.5882, -2.8459)
contains.

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Color

**YUV(123.2450, 55.5882,
-2.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	7867EC
RGB	120, 103, 236
RGB Percent	47%, 40%, 93%
CMY	0.5294, 0.5961, 0.0745
CMYK	0.49, 0.56, 0.00, 0.07
HSL	248°, 78%, 66%
HSV	248°, 56%, 93%
XYZ	27.7363, 19.7497, 81.7071
YIQ	123.2450, -32.5610, 44.9670

Conversions

Conversions Part 2

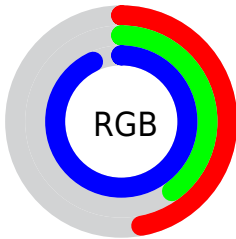
Format	Color
R _Y B	120, 103, 236
Decimal	7890924
CIE Lab	51.55, 40.47, -65.27
CIE LCh	52, 76.801, 301.798
Yxy	19.7497, 0.2147, 0.1529
Android (android.graphics.Color)	4286081004 (0xFF7867EC)
YUV	123.2450, 55.5882, -2.8459
Hunter-Lab	44.4406, 33.6344, -77.9002

Details

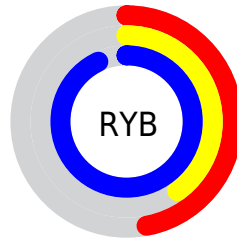
The YUV color **123.2450, 55.5882, -2.8459** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **215.7550, -55.5882, 2.8459**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5760, 40.1420, 4.7568**, and **70.0330, 53.7207, -10.5529** is the 20% darker color. If you saturate the color by 10%, you get **102.8780, 65.6291, -3.4010**, and if you desaturate by 10%, it is **143.6120, 45.5473, -2.2907**.

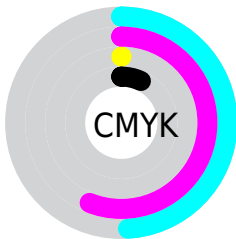
Distribution



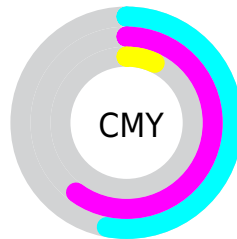
- Red (47%)
- Green (40%)
- Blue (93%)



- Red (47%)
- Yellow (40%)
- Blue (93%)



- Cyan (49%)
- Magenta (56%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (60%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2450, 55.5882, -2.8459 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 123.2450, 55.5882, -2.8459 by changing the saturation by 10% instead.

■ 123.2450, 55.5882,
-2.8459

■ 123.2450, 55.5882,
-2.8459

255.0000, 0.0000,
0.0000

■ 96.8810, 54.2887,
-6.0346

■ 173.5760, 40.1420,
4.7568

■ 70.0330, 53.7207,
-10.5529

■ 198.3950, 27.9063,
9.3006

■ 39.3900, 55.5167,
-26.6520

■ 223.2140, 15.6705,
13.8443

■ 20.7070, 51.4164,
-18.1600

■ 245.0210, 4.9196,
8.7516

■ 11.2860, 43.2430,
-9.8978

■ 11.9580, 30.5867,
-10.4872

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 123.2450, 55.5882,
-2.8459

■ 123.2450, 55.5882,
-2.8459

■ 102.8780, 65.6291,
-3.4010

■ 143.6120, 45.5473,
-2.2907

■ 83.3970, 75.2333,
-3.8562

■ 163.0930, 35.9432,
-1.8356

■ 63.0300, 85.2742,
-4.4113

■ 183.4600, 25.9022,
-1.2804

■ 43.5490, 94.8783,
-4.8665

■ 202.9410, 16.2981,
-0.8253

■ 35.8740, 98.6621,
-5.1515

■ 223.3080, 6.2572,
-0.2701

■ 243.6750, -3.7838,
0.2850

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



105.3800, 73.7627, -92.4183



123.2450, 55.5882, -2.8459



118.5830, 33.2366, 73.1567

Triad

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



123.2450, 55.5882, -2.8459



113.7820, -56.0945, 72.1052



102.8870, 10.9017, -90.2319

Complementary

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



123.2450, 55.5882, -2.8459



215.7550, -55.5882, 2.8459

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.



92.5590, -18.5166, -81.1742



123.2450, 55.5882, -2.8459



115.2680, -56.8271, 26.9520

Square

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



123.2450, 55.5882, -2.8459



107.9550, -24.6278, 106.1565



104.3280, -51.4337, -23.0897



110.4110, 39.7304, -96.8304

Rectangle

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



123.2450, 55.5882, -2.8459



105.7200, 18.8720, 107.2396



104.3280, -51.4337, -23.0897



99.6780, 1.1447, -87.4176

Sweetspot

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



123.2450, 55.5882, -2.8459



218.3970, 18.0453, -1.2252



186.8410, 24.2354, -73.5286



105.8610, 10.9145, -0.7551



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



123.2450, 55.5882, -2.8459



108.3000, 72.3231, -3.7711



142.6800, 46.0068, 37.1146



107.5530, 4.6574, -0.4850



27.5110, 75.6701, -3.9561



8.2490, 22.5552, -1.0954

Inverse Universe

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



155.9910, 31.0634, 70.1679



150.9410, 40.4551, 91.2597



196.3200, -46.0068, -37.1146



110.4290, 2.7465, 5.7628



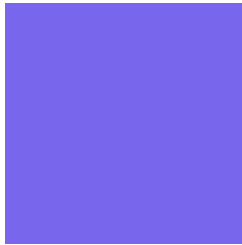
72.1310, 42.3334, 95.4781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 123.2450, 55.5882, -2.8459 looks on a white background.

Color Contrast Check

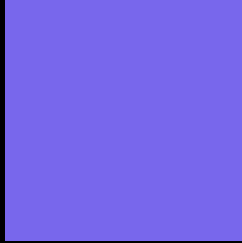
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.2450, 55.5882, -2.8459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

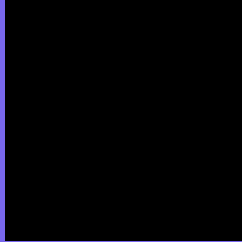
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.2450, 55.5882, -2.8459

Background



This preview shows how black text looks on a background with the YUV color 123.2450, 55.5882, -2.8459.



This preview shows how white text looks on a background with the YUV color 123.2450, 55.5882, -2.8459.

-2.8459.

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

123.2450, 55.5882, -2.8459

Protanopia

97.8800, 75.4882, -85.8408

Deuteranopia

98.3410, 59.4849, -86.2451



Tritanopia

118.7780, 9.9694, -24.3613

Trichromacy



Original Color

123.2450, 55.5882, -2.8459



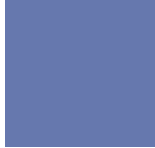
Protanomaly

107.5310, 68.2652, -55.7167



Deuteranomaly

107.4850, 57.9349, -55.6763



Tritanomaly

120.7740, 26.2404, -16.4648

Monochromacy



Original Color

123.2450, 55.5882, -2.8459



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.2660, 20.0819, -1.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2450, 55.5882, -2.8459 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(120, 103, 236)` looks like.

```
.text, #text, p{  
    color:rgb(120, 103, 236)  
}
```

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(120, 103, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 103, 236) }
```

Border

The CSS property to change the border of an element to YUV 123.2450, 55.5882, -2.8459 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(120, 103, 236) }
```


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

```
.border{ border-color:rgb(120, 103, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 103, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 103, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 103, 236);  
box-shadow:4px 4px 4px 4px rgb(120, 103,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 123.2450, 55.5882, -2.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 103, 236) }
```

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

```
.background{ background-color: rgb(120,  
103, 236) }
```

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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