

# Converting Colors

YUV(57.7250, 64.7186, 55.4922)

Have a look what the booklet for  
YUV(57.7250, 64.7186, 55.4922)  
contains.

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# Color

**YUV(57.7250, 64.7186,  
55.4922)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7900BD
RGB	121, 0, 189
RGB Percent	47%, 0%, 74%
CMY	0.5255, 1.0000, 0.2588
CMYK	0.36, 1.00, 0.00, 0.26
HSL	278°, 100%, 37%
HSV	278°, 100%, 74%
XYZ	17.0705, 7.7391, 48.7382
YIQ	57.7250, 11.4470, 84.4310

# Conversions

## Conversions Part 2

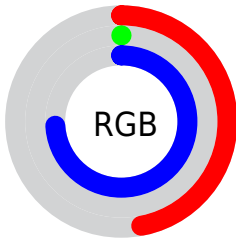
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 0, 189
Decimal	7930045
CIE <sub>Lab</sub>	33.43, 69.03, -67.76
CIE <sub>LCh</sub>	33, 96.728, 315.530
Yxy	7.7391, 0.2321, 0.1052
Android (android.graphics.Color)	4286120125 (0xFF7900BD)
YUV	57.7250, 64.7186, 55.4922
Hunter-Lab	27.8192, 60.8480, -84.4005

# Details

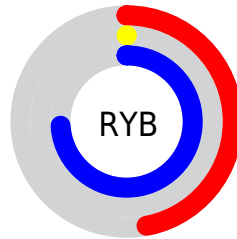
The YUV color **57.7250, 64.7186, 55.4922** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **131.2750, -64.7186, -55.4922**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4760, 58.9253, 46.9405**, and **33.5150, 49.5391, 24.1043** is the 20% darker color. If you saturate the color by 10%, you get **57.7250, 64.7186, 55.4922**, and if you desaturate by 10%, it is **70.9710, 58.1883, 50.0144**.

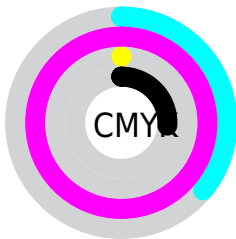
# Distribution



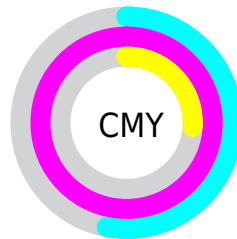
- Red (47%)
- Green (0%)
- Blue (74%)



- Red (47%)
- Yellow (0%)
- Blue (74%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (100%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.7250, 64.7186, 55.4922 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 57.7250, 64.7186, 55.4922 by changing the saturation by 10% instead.



■ 57.7250, 64.7186,  
55.4922

■ 57.7250, 64.7186,  
55.4922

■ 255.0000, 0.0000,  
0.0000

■ 45.8620, 56.7630,  
40.4630

■ 126.4760, 58.9253,  
46.9405

■ 33.5150, 49.5391,  
24.1043

■ 152.6090, 50.4788,  
49.4549

■ 20.6840, 43.0468,  
6.4161

■ 178.0150, 37.9536,  
53.4838

■ 9.4620, 36.2542,  
-8.2982

■ 199.2350, 27.4921,  
48.9059

■ 10.1340, 23.5979,  
-8.8875

■ 215.6710, 19.3892,  
34.4915

■ 5.2780, 15.1459,  
-4.6288


■ 232.6940, 10.9969,


■ 1.2540, 4.8048,


19.5624


-1.0998


 250.3040, 2.3151,  
4.1184


 0.0000, 0.0000,  
0.0000


 57.7250, 64.7186,  
55.4922

 70.9710, 58.1883,  
50.0144

 84.2170, 51.6580,  
44.5367

 97.1640, 45.2751,  
38.4442

 110.4100, 38.7449,  
32.9664

 123.6560, 32.2146,  
27.4887

■ 136.3150, 25.9737,  
22.5257

■ 149.5610, 19.4434,  
17.0480

■ 162.5080, 13.0606,  
10.9555

■ 175.7540, 6.5303,  
5.4777

# Harmonies

## Analogous

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



72.2340, 78.7646, -63.3492



57.7250, 64.7186, 55.4922



69.7780, 24.2664, 103.6807

# Triad

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



57.7250, 64.7186, 55.4922



73.4810, -36.2261, 46.0592



75.0870, 21.1561, -65.8513

# Complementary

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



57.7250, 64.7186, 55.4922



131.2750, -64.7186, -55.4922

# 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.



63.9780, -13.7932, -56.1087



57.7250, 64.7186, 55.4922



68.9980, -34.0160, -9.6452

# Square

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



57.7250, 64.7186, 55.4922



52.3250, -25.7962, 107.5860



57.5260, -28.3603, -50.4503



83.8820, 52.3162, -73.5645



# Rectangle

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



57.7250, 64.7186, 55.4922



67.9650, 0.5103, 116.6717



57.5260, -28.3603, -50.4503



71.5360, 10.0888, -62.7371

# Sweetspot

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



57.7250, 64.7186, 55.4922



193.4890, 25.3949, 21.4961



62.0490, 62.5868, -54.4170



91.6870, 14.9443, 13.4295



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



57.7250, 64.7186, 55.4922



74.8730, 83.8726, 72.0254



75.2070, 43.7749, 99.7965



87.8200, 3.0467, 2.7889



48.2110, 54.1260, 46.2960



9.5140, 10.5926, 9.1962



# Inverse Universe

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



64.2630, 1.8423, 109.3943



83.2870, 2.3235, 141.8223



113.7930, -43.7749, -99.7965



88.0330, -0.0163, 5.2331



53.7400, 1.6072, 91.4360

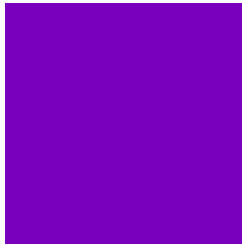


10.5230, 0.2352, 17.9583



# Previews

## White Background



This preview shows how the YUV color 57.7250, 64.7186, 55.4922 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

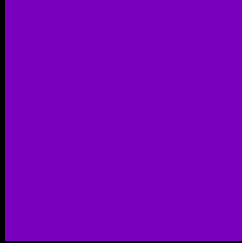
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 57.7250, 64.7186, 55.4922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

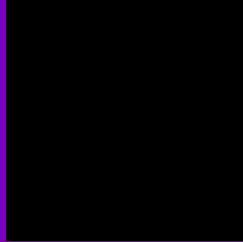
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.7250, 64.7186, 55.4922

## Background



This preview shows how black text looks on a background with the YUV color 57.7250, 64.7186, 55.4922.



This preview shows how white text looks on a background with the YUV color 57.7250, 64.7186,



# 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

64.5960, 49.4992, -56.6507

### Deuteranopia

64.9090, 38.0059, -56.9252

### Tritanopia

82.3440, -1.6486, 15.4843

# Trichromacy



## Protanomaly

62.3420, 55.0474, -16.0859

## Deuteranomaly

62.3930, 47.6273, -16.1307

## Tritanomaly

73.4470, 22.4576, 30.3030

# Monochromacy



## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

58.0220, 23.6532, 20.1517

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.7250, 64.7186, 55.4922 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, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(121, 0, 189)  
}
```

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, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 189) }
```

## Border

The CSS property to change the border of an element to YUV 57.7250, 64.7186, 55.4922 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, 0, 189) }
```

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

```
.border{ border-color:rgb(121, 0, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 0, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
189) }
```



# Background

The CSS property to change the background color of an element to YUV 57.7250, 64.7186, 55.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 189) }
```

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

```
.background{ background-color: rgb(121, 0,  
189) }
```

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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