

Converting Colors

YUV(64.5700, 15.9880, 52.1201)

Have a look what the booklet for
YUV(64.5700, 15.9880, 52.1201)
contains.

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Color

**YUV(64.5700, 15.9880,
52.1201)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7C1C61 |
| RGB | 124, 28, 97 |
| RGB Percent | 49%, 11%, 38% |
| CMY | 0.5137, 0.8902, 0.6196 |
| CMYK | 0.00, 0.77, 0.22, 0.51 |
| HSL | 317°, 63%, 30% |
| HSV | 317°, 77%, 49% |
| XYZ | 10.8851, 5.9787, 11.8895 |
| YIQ | 64.5700, 35.0670, 41.8110 |

Conversions

Conversions Part 2

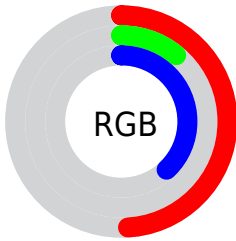
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 28, 97 |
| Decimal | 8133729 |
| CIELab | 29.36, 47.30, -17.39 |
| CIELCh | 29, 50.395, 339.814 |
| Yxy | 5.9787, 0.3786, 0.2079 |
| Android (android.graphics.Color) | 4286323809 (0xFF7C1C61) |
| YUV | 64.5700, 15.9880, 52.1201 |
| Hunter-Lab | 24.4513, 36.6739, -11.7141 |

Details

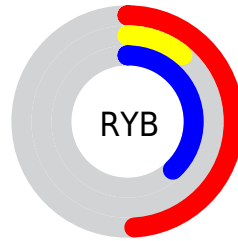
The YUV color **64.5700, 15.9880, 52.1201** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **87.4300, -15.9880, -52.1201**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1140, 14.2408, 52.5200**, and **26.9290, 11.3740, 38.6503** is the 20% darker color. If you saturate the color by 10%, you get **57.1840, 18.1503, 58.5976**, and if you desaturate by 10%, it is **71.9560, 13.8257, 45.6426**.

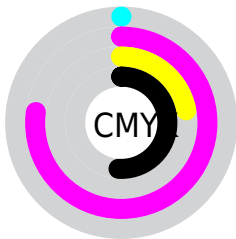
Distribution



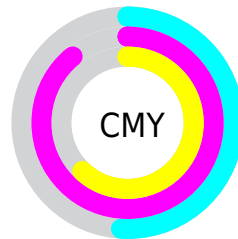
- Red (49%)
- Green (11%)
- Blue (38%)



- Red (49%)
- Yellow (11%)
- Blue (38%)



- Cyan (0%)
- Magenta (77%)
- Yellow (22%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5700, 15.9880, 52.1201 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 64.5700, 15.9880, 52.1201 by changing the saturation by 10% instead.

64.5700, 15.9880,
52.1201

64.5700, 15.9880,
52.1201

255.0000, 0.0000,
0.0000

37.3250, 17.5878,
52.3350

119.1140, 14.2408,
52.5200

26.9290, 11.3740,
38.6503

146.0110, 13.7986,
54.3644

18.0710, 5.8810,
27.1247

173.7230, 13.9406,
55.4939

1.1960, -0.5896,
2.4591

198.1460, 15.7040,
49.8610

0.0000, 0.0000,
0.0000

217.4320, 18.5210,
32.9471

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

64.5700, 15.9880,
52.1201

64.5700, 15.9880,
52.1201

57.1840, 18.1503,
58.5976

71.9560, 13.8257,
45.6426

49.0970, 20.1652,
65.6899

80.0430, 11.8108,
38.5503

47.2220, 20.5966,
67.3343

87.4290, 9.6485,
32.0728

95.5160, 7.6336,
24.9805

102.9020, 5.4713,
18.5029

■ 110.4020, 3.7458,
11.9254

■ 118.3750, 1.2941,
4.9331

■ 125.8750, -0.4314,
-1.6444

■ 133.8480, -2.8831,
-8.6367

Harmonies

Analogous

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



70.7590, 29.2058, 12.4894



64.5700, 15.9880, 52.1201



57.5540, 0.2199, 69.6741

Triad

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



64.5700, 15.9880, 52.1201



64.3900, -31.7443, 8.4280



63.4610, 27.3807, -55.6553

Complementary

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



64.5700, 15.9880, 52.1201



87.4300, -15.9880, -52.1201

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.



59.7160, 10.4930, -52.3709



64.5700, 15.9880, 52.1201



55.0330, -27.1313, -24.5849

Square

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



64.5700, 15.9880, 52.1201



65.1530, -32.1204, 35.8228



53.8680, -6.8369, -47.2422



63.8490, 39.0214, -55.9956

Rectangle

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



64.5700, 15.9880, 52.1201



60.5520, -13.5831, 63.5369



53.8680, -6.8369, -47.2422



62.6800, 21.8498, -54.9704

Sweetspot

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



64.5700, 15.9880, 52.1201



138.0270, 5.9027, 20.1473



46.7180, 38.1000, 6.3863



67.7010, 3.5984, 12.5402



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.



64.5700, 15.9880, 52.1201



68.1620, 25.0631, 81.4189



59.2120, -4.5415, 56.8191



57.2500, 0.8628, 3.2887



47.6350, 20.8859, 67.8491



95.9820, 41.9139, 136.8278

Inverse Universe

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



64.5700, 15.9880, 52.1201



68.1620, 25.0631, 81.4189



92.7880, 4.5415, -56.8191



57.2500, 0.8628, 3.2887



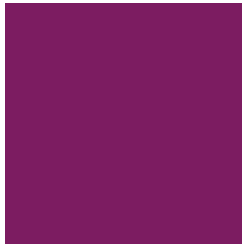
47.6350, 20.8859, 67.8491



95.9820, 41.9139, 136.8278

Previews

White Background



This preview shows how the YUV color 64.5700, 15.9880, 52.1201 looks on a white background.

Color Contrast Check

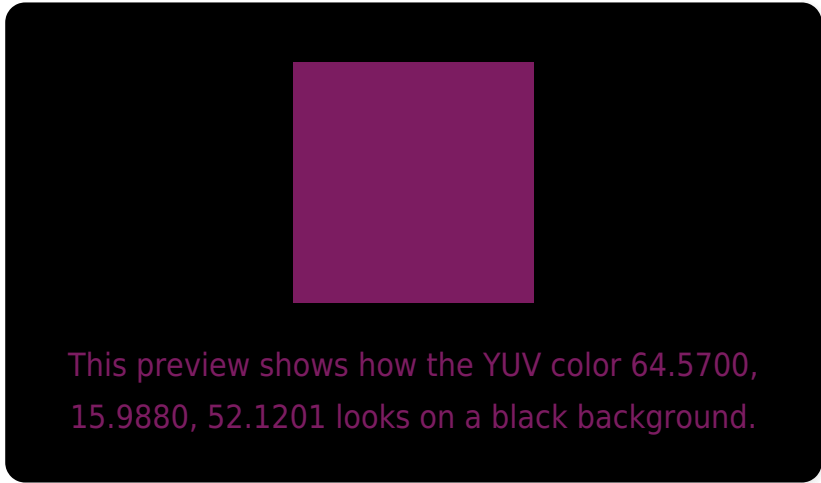
Large Text (above 18pt) WCAG AA ✓ Pass

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

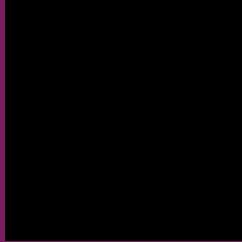
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5700, 15.9880, 52.1201

Background



This preview shows how black text looks on a background with the YUV color 64.5700, 15.9880, 52.1201.



This preview shows how white text looks on a background with the YUV color 64.5700, 15.9880,

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

64.5700, 15.9880, 52.1201

Protanopia

67.4680, 30.3353, -23.2124

Deuteranopia

70.7250, 10.4886, -4.1438



Tritanopia

67.7670, -9.7451, 45.8083

Trichromacy



Original Color

64.5700, 15.9880, 52.1201

Protanomaly

66.2650, 25.0124, 4.1526

Deuteranomaly

68.4270, 12.6075, 16.2885

Tritanomaly

66.5960, -0.2938, 47.7123

Monochromacy



Original Color

64.5700, 15.9880, 52.1201

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5700, 15.9880, 52.1201 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(124, 28, 97)` looks like.

```
.text, #text, p{  
    color:rgb(124, 28, 97)  
}
```

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(124, 28, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 28, 97) }
```

Border

The CSS property to change the border of an element to YUV 64.5700, 15.9880, 52.1201 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(124, 28, 97) }
```


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

```
.border{ border-color:rgb(124, 28, 97) }
```

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

Here you see how a box with a 4 pixel rgb(124, 28, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 28, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 28, 97);  
box-shadow:4px 4px 4px 4px rgb(124, 28,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 64.5700, 15.9880, 52.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 28, 97) }
```

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

```
.background{ background-color: rgb(124, 28,  
97) }
```

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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