

Converting Colors

YUV(57.7280, 33.1651, 49.3505)

Have a look what the booklet for
YUV(57.7280, 33.1651, 49.3505)
contains.

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Color

**YUV(57.7280, 33.1651,
49.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	72107D
RGB	114, 16, 125
RGB Percent	45%, 6%, 49%
CMY	0.5529, 0.9373, 0.5098
CMYK	0.09, 0.87, 0.00, 0.51
HSL	294°, 77%, 28%
HSV	294°, 87%, 49%
XYZ	10.8264, 5.4287, 19.8793
YIQ	57.7280, 23.4190, 54.6750

Conversions

Conversions Part 2

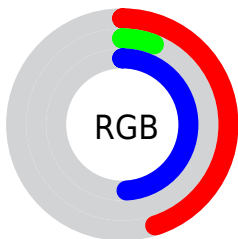
Format	Color
R_{YB}	114, 16, 125
Decimal	7475325
CIE _{Lab}	27.92, 53.05, -37.73
CIE _{LCh}	28, 65.101, 324.579
Yxy	5.4287, 0.2996, 0.1502
Android (android.graphics.Color)	4285665405 (0xFF72107D)
YUV	57.7280, 33.1651, 49.3505
Hunter-Lab	23.2995, 42.1681, -34.2769




Details

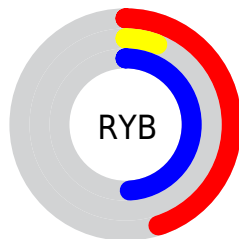
The YUV color **57.7280, 33.1651, 49.3505** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **83.2720, -33.1651, -49.3505**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **114.8480, 31.1339, 47.4913**, and **26.7890, 23.7680, 30.0030** is the 20% darker color. If you saturate the color by 10%, you get **50.3850, 36.7852, 54.9134**, and if you desaturate by 10%, it is **65.0710, 29.5450, 43.7877**.

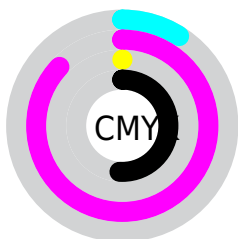
Distribution







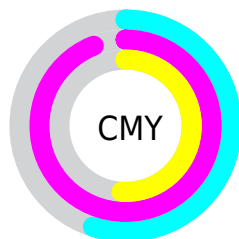
-  Red (45%)
-  Green (6%)
-  Blue (49%)






-  Red (45%)
-  Yellow (6%)
-  Blue (49%)



-  Cyan (9%)
-  Magenta (87%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (55%)
-  Magenta (94%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7280, 33.1651, 49.3505 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 57.7280, 33.1651, 49.3505 by changing the saturation by 10% instead.

57.7280, 33.1651,
49.3505

57.7280, 33.1651,
49.3505

255.0000, 0.0000,
0.0000

37.4130, 30.8554,
43.4878

114.8480, 31.1339,
47.4913

26.7890, 23.7680,
30.0030

142.5600, 31.2759,
48.6209

17.2900, 17.1120,
18.1627

170.2720, 31.4179,
49.7505

4.0070, 12.8145,
-3.5141

196.8870, 28.6497,
50.9651

0.0000, 0.0000,
0.0000

213.3230, 20.5468,
36.5507

230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

57.7280, 33.1651,
49.3505

57.7280, 33.1651,
49.3505

50.3850, 36.7852,
54.9134

65.0710, 29.5450,
43.7877

47.7380, 38.0902,
56.3578

73.3000, 25.4881,
38.3249

80.6430, 21.8680,
32.7621

88.5730, 17.9585,
26.6845

95.9160, 14.3384,
21.1217

■ 104.1450, 10.2815,
15.6588

■ 111.4880, 6.6614,
10.0960

■ 119.4180, 2.7519,
4.0184

■ 127.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



51.5850, 52.9556, -45.2400



57.7280, 33.1651, 49.3505



52.1330, 12.2594, 81.4444

Triad

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



57.7280, 33.1651, 49.3505



62.4180, -30.7721, 23.3124



62.0930, 22.1392, -54.4556

Complementary

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



57.7280, 33.1651, 49.3505



83.2720, -33.1651, -49.3505

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.



55.5780, -0.2850, -48.7419



57.7280, 33.1651, 49.3505



56.2840, -27.7480, -13.4041

Square

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



57.7280, 33.1651, 49.3505



56.7460, -27.9758, 59.8588



48.1340, -23.7301, -42.2135



66.1800, 40.3373, -58.0399

Rectangle

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



57.7280, 33.1651, 49.3505



49.3820, -2.1603, 86.4880



48.1340, -23.7301, -42.2135



60.1550, 14.7136, -52.7559

Sweetspot

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



57.7280, 33.1651, 49.3505



137.1500, 12.7440, 19.1624



36.0570, 43.8489, -17.5900



65.8410, 7.9664, 11.5404



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.



57.7280, 33.1651, 49.3505



62.5350, 49.5292, 74.0758



56.2290, 13.1981, 60.3122



59.5920, 2.1731, 2.9888



48.9770, 38.9583, 57.9022



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.8450, -11.2626, 65.9109



50.5610, -17.0386, 98.6090



84.7710, -13.1981, -60.3122



59.2070, -0.5951, 4.2035



39.7540, -13.1897, 77.3917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 57.7280, 33.1651, 49.3505 looks on a white background.

Color Contrast Check

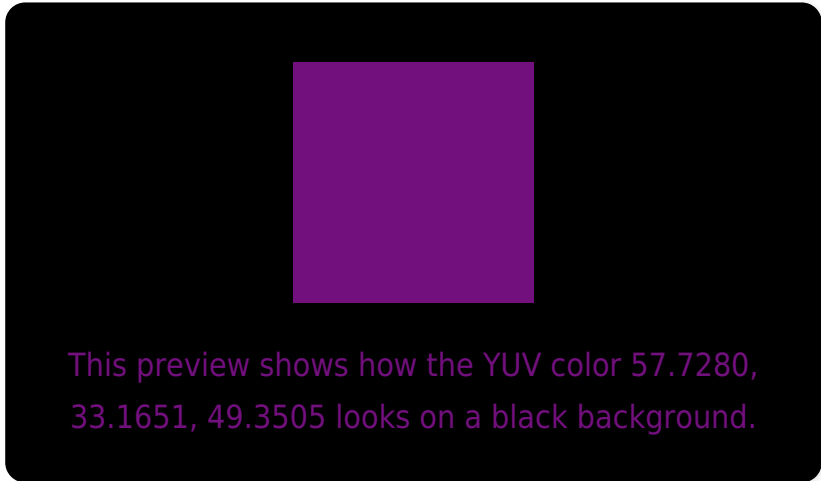
Large Text (above 18pt) WCAG AA ✓ Pass

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

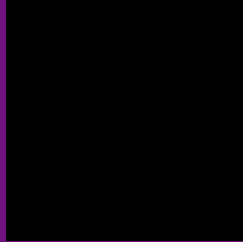
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7280, 33.1651, 49.3505

Background



This preview shows how black text looks on a background with the YUV color 57.7280, 33.1651, 49.3505.



This preview shows how white text looks on a background with the YUV color 57.7280, 33.1651,

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

57.7280, 33.1651, 49.3505

Protanopia

54.5880, 41.6151, -47.8737

Deuteranopia

62.3270, 27.4468, -30.1048



Tritanopia

67.4880, -6.6496, 32.8980

Trichromacy



Original Color

57.7280, 33.1651, 49.3505

Protanomaly

55.7110, 38.5965, -12.9015

Deuteranomaly

60.7850, 29.6860, -1.5654

Tritanomaly

63.7180, 8.0270, 38.8353

Monochromacy



Original Color

57.7280, 33.1651, 49.3505

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9110, 11.8759, 17.6181

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7280, 33.1651, 49.3505 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(114, 16, 125)` looks like.

```
.text, #text, p{  
    color:rgb(114, 16, 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(114, 16, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 16, 125) }
```

Border

The CSS property to change the border of an element to YUV 57.7280, 33.1651, 49.3505 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(114, 16, 125) }
```


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

```
.border{ border-color:rgb(114, 16, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 16, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 16, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 16, 125);  
box-shadow:4px 4px 4px 4px rgb(114, 16,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 57.7280, 33.1651, 49.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 16, 125) }
```

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

```
.background{ background-color: rgb(114, 16,  
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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