

Converting Colors

YUV(57.4300, 31.8330, 56.6279)

Have a look what the booklet for
YUV(57.4300, 31.8330, 56.6279)
contains.

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Color

**YUV(57.4300, 31.8330,
56.6279)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0C7A
RGB	122, 12, 122
RGB Percent	48%, 5%, 48%
CMY	0.5216, 0.9529, 0.5216
CMYK	0.00, 0.90, 0.00, 0.52
HSL	300°, 82%, 26%
HSV	300°, 90%, 48%
XYZ	11.6704, 5.8057, 18.9179
YIQ	57.4300, 30.2500, 57.5300

Conversions

Conversions Part 2

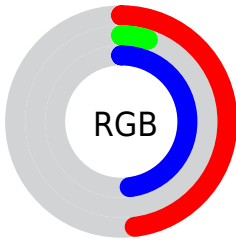
Format	Color
R_{YB}	122, 12, 122
Decimal	7998586
CIE _{Lab}	28.92, 54.91, -34.16
CIE _{LCh}	29, 64.666, 328.114
Yxy	5.8057, 0.3207, 0.1595
Android (android.graphics.Color)	4286188666 (0xFF7A0C7A)
YUV	57.4300, 31.8330, 56.6279
Hunter-Lab	24.0949, 44.2902, -29.6844

Details

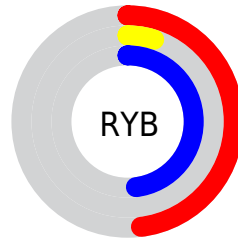
The YUV color **57.4300, 31.8330, 56.6279** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.5700, -31.8330, -56.6279**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1970, 28.4969, 53.3242**, and **28.9530, 21.7152, 35.1212** is the 20% darker color. If you saturate the color by 10%, you get **50.3860, 35.3057, 62.8055**, and if you desaturate by 10%, it is **64.4740, 28.3603, 50.4503**.

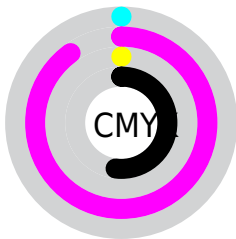
Distribution



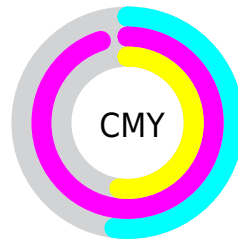
- Red (48%)
- Green (5%)
- Blue (48%)



- Red (48%)
- Yellow (5%)
- Blue (48%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (95%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4300, 31.8330, 56.6279 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 57.4300, 31.8330, 56.6279 by changing the saturation by 10% instead.

■ 57.4300, 31.8330,
56.6279

■ 57.4300, 31.8330,
56.6279

255.0000, 0.0000,
0.0000

■ 39.4630, 28.3657,
48.7059

■ 117.1970, 28.4969,
53.3242

■ 28.9530, 21.7152,
35.1212

■ 144.6100, 28.7863,
53.8390

■ 19.4540, 15.0592,
23.2808

■ 172.6210, 28.7808,
55.5834

■ 3.3770, 11.6461,
-2.0846

■ 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


 57.4300, 31.8330,
56.6279


 57.4300, 31.8330,
56.6279


 50.3860, 35.3057,
62.8055

 64.4740, 28.3603,
50.4503

 71.5180, 24.8876,
44.2727

 79.1490, 21.1255,
37.5803

 86.1930, 17.6529,
31.4027

 93.2370, 14.1802,
25.2252

■ 100.2810, 10.7075,
19.0476

■ 107.3250, 7.2348,
12.8700

■ 114.9560, 3.4727,
6.1776

■ 122.0000, 0.0000,
0.0000

Harmonies

Analogous

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



63.4420, 46.6171, -18.8046



57.4300, 31.8330, 56.6279



52.9870, 10.3594, 84.2034

Triad

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



57.4300, 31.8330, 56.6279



64.1680, -31.6348, 20.0237



64.7660, 24.7654, -56.7998

Complementary

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



57.4300, 31.8330, 56.6279



76.5700, -31.8330, -56.6279

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.



58.3650, 2.7781, -51.1861



57.4300, 31.8330, 56.6279



56.5500, -27.8791, -18.0223

Square

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



57.4300, 31.8330, 56.6279



61.1430, -30.1435, 55.1256



49.6500, -22.9984, -43.5431



68.0380, 42.3793, -59.6693

Rectangle

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



57.4300, 31.8330, 56.6279



49.5240, -4.2023, 88.1175



49.6500, -22.9984, -43.5431



62.8280, 17.3398, -55.1002

Sweetspot

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



57.4300, 31.8330, 56.6279



132.7590, 12.4438, 22.1364



24.5400, 48.0478, -10.9976



64.3250, 7.2348, 12.8700



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



57.4300, 31.8330, 56.6279



65.2540, 45.7238, 81.3382



51.1600, 7.8091, 62.1267



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Inverse Universe

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



57.4300, 31.8330, 56.6279



65.2540, 45.7238, 81.3382



82.8400, -7.8091, -62.1267



57.4780, 1.7363, 3.0888



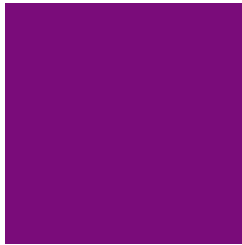
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 57.4300, 31.8330, 56.6279 looks on a white background.

Color Contrast Check

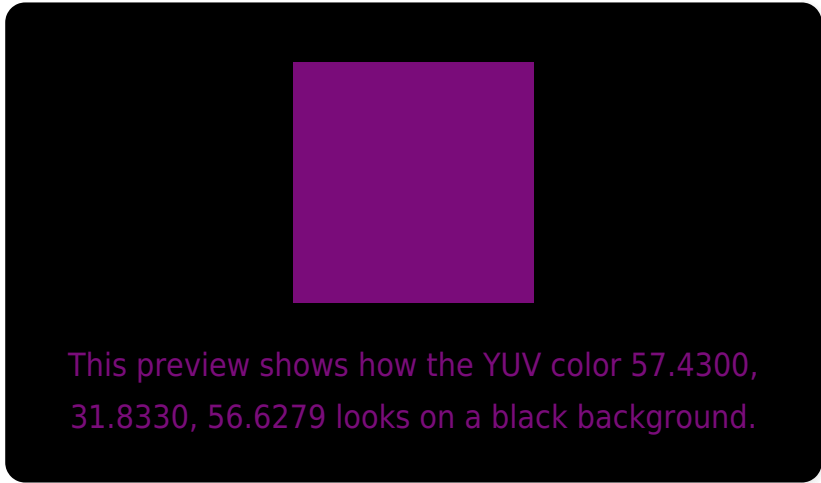
Large Text (above 18pt) WCAG AA ✓ Pass

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

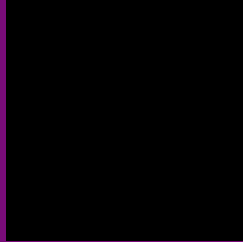
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4300, 31.8330, 56.6279

Background



This preview shows how black text looks on a background with the YUV color 57.4300, 31.8330, 56.6279.



This preview shows how white text looks on a background with the YUV color 57.4300, 31.8330,

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

57.4300, 31.8330, 56.6279

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

67.6440, 23.3465, -21.6128



Tritanopia

68.7770, -8.2711, 39.6606

Trichromacy



Original Color

57.4300, 31.8330, 56.6279

Protanomaly

56.8360, 39.0279, -11.2572

Deuteranomaly

64.3300, 26.4593, 6.7266

Tritanomaly

64.8930, 5.9688, 45.6978

Monochromacy



Original Color

57.4300, 31.8330, 56.6279

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.5200, 11.5756, 20.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4300, 31.8330, 56.6279 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(122, 12, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 12, 122)  
}
```

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(122, 12, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 12, 122) }
```

Border

The CSS property to change the border of an element to YUV 57.4300, 31.8330, 56.6279 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(122, 12, 122) }
```


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

```
.border{ border-color:rgb(122, 12, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 12, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 12, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 12, 122); box-shadow:4px 4px 4px 4px rgb(122, 12, 122) }
```

Background

The CSS property to change the background color of an element to YUV 57.4300, 31.8330, 56.6279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 12, 122) }
```

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

```
.background{ background-color: rgb(122, 12,  
122) }
```

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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