

Converting Colors

YUV(56.7300, 0.1331, 97.5838)

Have a look what the booklet for
YUV(56.7300, 0.1331, 97.5838)
contains.

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Color

**YUV(56.7300, 0.1331,
97.5838)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A80039 |
| RGB | 168, 0, 57 |
| RGB Percent | 66%, 0%, 22% |
| CMY | 0.3412, 1.0000, 0.7765 |
| CMYK | 0.00, 1.00, 0.66, 0.34 |
| HSL | 340°, 100%, 33% |
| HSV | 340°, 100%, 66% |
| XYZ | 16.8870, 8.6202, 4.6447 |
| YIQ | 56.7300, 81.8310, 53.3430 |

Conversions

Conversions Part 2

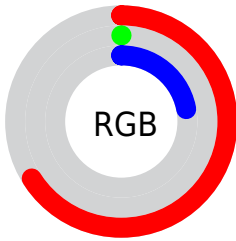
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 168, 0, 57 |
| Decimal | 11010105 |
| CIE Lab | 35.24, 60.21, 18.47 |
| CIE LCh | 35, 62.982, 17.051 |
| Yxy | 8.6202, 0.5601, 0.2859 |
| Android (android.graphics.Color) | 4289200185 (0xFFA80039) |
| YUV | 56.7300, 0.1331, 97.5838 |
| Hunter-Lab | 29.3602, 51.2864, 11.1726 |

Details

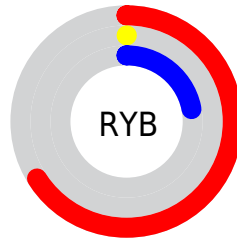
The YUV color **56.7300, 0.1331, 97.5838** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **111.2700, -0.1331, -97.5838**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4120, -11.0491, 90.8467**, and **34.0020, -9.3680, 64.8962** is the 20% darker color. If you saturate the color by 10%, you get **56.7300, 0.1331, 97.5838**, and if you desaturate by 10%, it is **67.9630, 0.0182, 87.7324**.

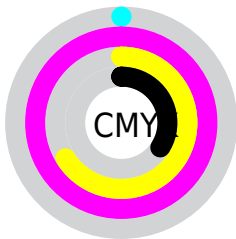
Distribution



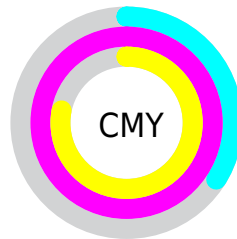
- Red (66%)
- Green (0%)
- Blue (22%)



- Red (66%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7300, 0.1331, 97.5838 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 56.7300, 0.1331, 97.5838 by changing the saturation by 10% instead.

■ 56.7300, 0.1331,
97.5838

■ 56.7300, 0.1331,
97.5838

■ 255.0000, 0.0000,
0.0000

■ 45.3660, -4.6174,
81.2400

■ 126.4120,
-11.0491, 90.8467

■ 34.0020, -9.3680,
64.8962

■ 153.1730,
-11.9173, 89.3023

■ 23.7350, -11.2084,
48.4674

■ 173.0460, -9.3897,
71.8737

■ 15.1780, -6.4968,
30.5389

■ 192.5600, -5.6991,
54.7599

■ 0.0000, 0.0000,
0.0000

■ 212.7750, -1.8611,
37.0313

■ 232.9900, 1.9769,

19.3028

252.6520, 1.1576,
2.0592

56.7300, 0.1331,
97.5838

67.9630, 0.0182,
87.7324

79.1960, -0.0966,
77.8811

89.8420, 0.0779,
68.5446

101.0750, -0.0370,
58.6932

112.3080, -0.1518,
48.8419

■ 123.6550, 0.1701,
38.8906

■ 134.8880, 0.0552,
29.0392

■ 145.5340, 0.2297,
19.7027

■ 156.7670, 0.1149,
9.8513

Harmonies

Analogous

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



63.8480, 21.2739, 83.4483



56.7300, 0.1331, 97.5838



72.7920, -34.4075, 69.4654

Triad

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



56.7300, 0.1331, 97.5838



57.5260, -28.3603, -50.4503



76.5130, 52.0051, -67.1019

Complementary

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



56.7300, 0.1331, 97.5838



111.2700, -0.1331, -97.5838

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.



77.6580, 38.6226, -68.1061



56.7300, 0.1331, 97.5838



66.4860, -4.1836, -58.3082

Square

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



56.7300, 0.1331, 97.5838



74.9670, -36.9587, 0.9059



73.7020, 18.3879, -64.6367



67.5940, 55.9092, -59.2799

Rectangle

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



56.7300, 0.1331, 97.5838



77.6230, -38.2681, 47.6886



73.7020, 18.3879, -64.6367



78.1770, 48.2267, -68.5612

Sweetspot

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



56.7300, 0.1331, 97.5838



175.9430, 0.0281, 37.7610



51.7430, 57.3147, 50.2144



83.5560, 0.2189, 23.1914



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



56.7300, 0.1331, 97.5838



73.9170, 0.0409, 127.2378



64.9070, -31.9992, 90.4126



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Inverse Universe

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



56.7300, 0.1331, 97.5838



73.9170, 0.0409, 127.2378



103.0930, 31.9992, -90.4126



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 56.7300, 0.1331, 97.5838 looks on a white background.

Color Contrast Check

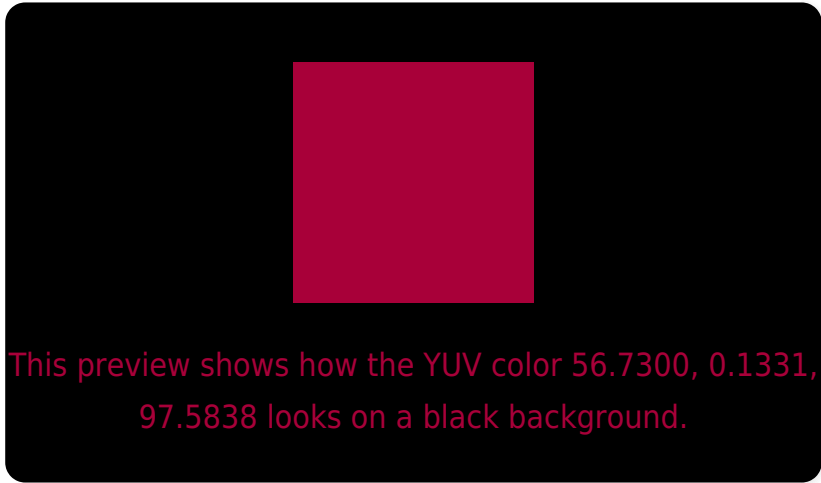
Large Text (above 18pt) WCAG AA ✓ Pass

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

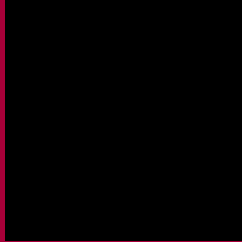
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7300, 0.1331, 97.5838

Background



This preview shows how black text looks on a background with the YUV color 56.7300, 0.1331, 97.5838.



This preview shows how white text looks on a background with the YUV color 56.7300, 0.1331,

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

56.7300, 0.1331, 97.5838

Protanopia

85.7830, -0.8790, 1.9443

Deuteranopia

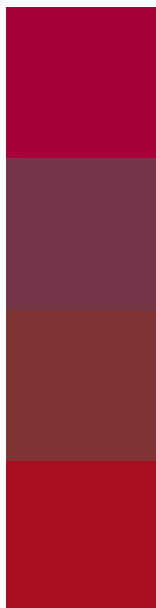
85.1150, -17.8047, 17.4391



Tritanopia

65.7140, -22.5370, 88.8278

Trichromacy



Original Color

56.7300, 0.1331, 97.5838

Protanomaly

75.1170, -0.5507, 36.7314

Deuteranomaly

74.7240, -11.2029, 46.7231

Tritanomaly

62.5000, -14.5435, 91.6465

Monochromacy



Original Color

56.7300, 0.1331, 97.5838

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6330, 0.1809, 35.4019

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7300, 0.1331, 97.5838 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(168, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 57)  
}
```

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(168, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 57) }
```

Border

The CSS property to change the border of an element to YUV 56.7300, 0.1331, 97.5838 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(168, 0, 57) }
```


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

```
.border{ border-color:rgb(168, 0, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 0, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 57);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7300, 0.1331, 97.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 57) }
```

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

```
.background{ background-color: rgb(168, 0,  
57) }
```

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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