

Converting Colors

YUV(55.8310, 0.0833, 66.8002)

Have a look what the booklet for
YUV(55.8310, 0.0833, 66.8002)
contains.

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Color

**YUV(55.8310, 0.0833,
66.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	841138
RGB	132, 17, 56
RGB Percent	52%, 7%, 22%
CMY	0.4824, 0.9333, 0.7804
CMYK	0.00, 0.87, 0.58, 0.48
HSL	340°, 77%, 29%
HSV	340°, 87%, 52%
XYZ	10.4300, 5.5920, 4.2710
YIQ	55.8310, 56.0210, 36.5090

Conversions

Conversions Part 2

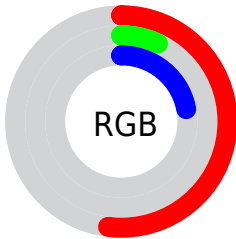
Format	Color
R_{YB}	132, 17, 56
Decimal	8655160
CIE _{Lab}	28.36, 48.18, 8.53
CIE _{LCh}	28, 48.926, 10.036
Yxy	5.5920, 0.5140, 0.2756
Android (android.graphics.Color)	4286845240 (0xFF841138)
YUV	55.8310, 0.0833, 66.8002
Hunter-Lab	23.6473, 37.3471, 5.8446

Details

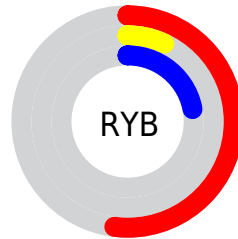
The YUV color **55.8310, 0.0833, 66.8002** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **93.1690, -0.0833, -66.8002**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1640, -5.0109, 67.3852**, and **24.2060, -5.5246, 45.4233** is the 20% darker color. If you saturate the color by 10%, you get **47.1740, -0.0858, 74.3924**, and if you desaturate by 10%, it is **64.4880, 0.2524, 59.2080**.

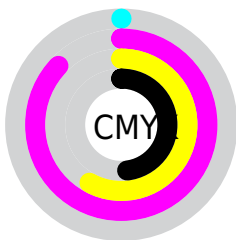
Distribution



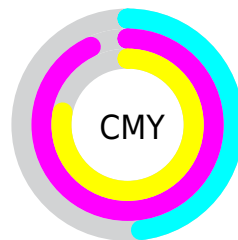
- Red (52%)
- Green (7%)
- Blue (22%)



- Red (52%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (87%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8310, 0.0833, 66.8002 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 55.8310, 0.0833, 66.8002 by changing the saturation by 10% instead.

■ 55.8310, 0.0833,
66.8002

■ 55.8310, 0.0833,
66.8002

255.0000, 0.0000,
0.0000

■ 35.0860, -0.0424,
60.4376

■ 113.1640, -5.0109,
67.3852

■ 24.2060, -5.5246,
45.4233

■ 140.8330, -6.3267,
69.4295

■ 15.4770, -6.6442,
31.1537

■ 168.5020, -7.6425,
71.4737

■ 0.0000, 0.0000,
0.0000

■ 188.9240, -4.3995,
57.9487

■ 208.5520, -0.2721,
40.7349

■ 228.1800, 3.8553,

23.5211

247.3690, 3.7621,
6.6924

55.8310, 0.0833,
66.8002

55.8310, 0.0833,
66.8002

47.1740, -0.0858,
74.3924

64.4880, 0.2524,
59.2080

44.5980, 0.1982,
76.6516

73.0310, -0.0153,
51.7158

82.2750, -0.1356,
43.6088

90.9320, 0.0335,
36.0166

99.5890, 0.2026,
28.4244

■ 108.1320, -0.0651,
20.9322

■ 116.7890, 0.1040,
13.3400

■ 126.0330, -0.0163,
5.2331

■ 134.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



62.3310, 15.1198, 50.5757



55.8310, 0.0833, 66.8002



60.4880, -19.9606, 55.7000

Triad

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



55.8310, 0.0833, 66.8002



53.5600, -26.4051, -24.1701



61.5180, 37.7056, -53.9513

Complementary

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



55.8310, 0.0833, 66.8002



93.1690, -0.0833, -66.8002

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.



61.2440, 26.5017, -53.7110



55.8310, 0.0833, 66.8002



52.5800, -6.6949, -46.1127

Square

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



55.8310, 0.0833, 66.8002



62.0310, -30.5813, 8.7428



57.7270, 10.4876, -50.6266



56.1040, 42.3467, -49.2032

Rectangle

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



55.8310, 0.0833, 66.8002



61.9520, -30.5423, 43.0151



57.7270, 10.4876, -50.6266



62.0080, 34.5061, -54.3810

Sweetspot

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



55.8310, 0.0833, 66.8002



141.1650, -0.0813, 26.1653



52.5350, 39.1762, 34.6108



69.0990, -0.0488, 15.6992



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



55.8310, 0.0833, 66.8002



57.7410, 0.1277, 99.3281



61.3640, -21.8715, 61.9478



62.0220, -0.0108, 3.4887



43.8860, 0.0562, 75.5220



1.0110, -0.0054, 1.7444

Inverse Universe

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



55.8310, 0.0833, 66.8002



57.7410, 0.1277, 99.3281



87.6360, 21.8715, -61.9478



62.0220, -0.0108, 3.4887



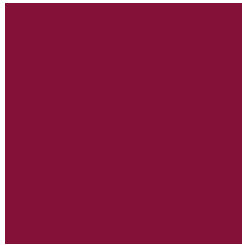
43.8860, 0.0562, 75.5220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 55.8310, 0.0833, 66.8002 looks on a white background.

Color Contrast Check

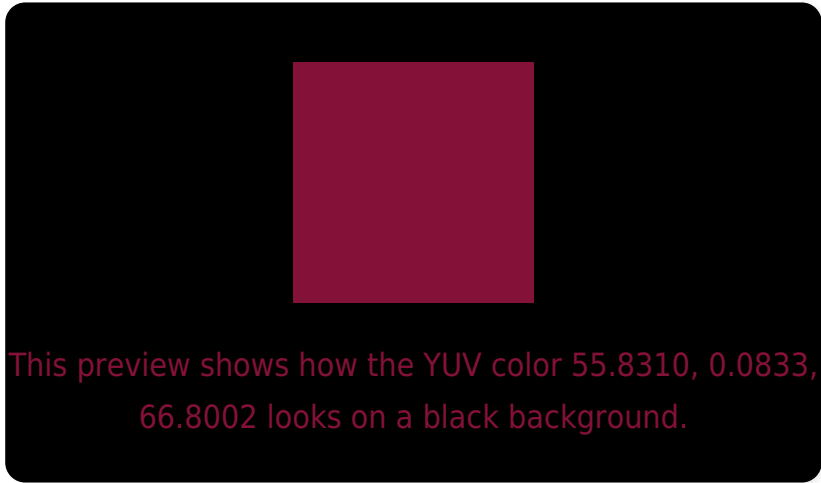
Large Text (above 18pt) WCAG AA ✓ Pass

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

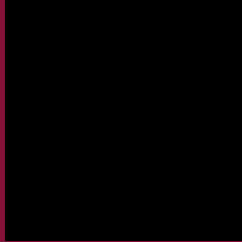
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8310, 0.0833, 66.8002

Background



This preview shows how black text looks on a background with the YUV color 55.8310, 0.0833, 66.8002.



This preview shows how white text looks on a background with the YUV color 55.8310, 0.0833,

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

55.8310, 0.0833, 66.8002

Protanopia

69.6560, 5.0996, -2.3293

Deuteranopia

69.0740, -8.9105, 11.3361



Tritanopia

58.0960, -15.3303, 63.9368

Trichromacy



Original Color

55.8310, 0.0833, 66.8002

Protanomaly

64.6530, 3.1291, 23.1063

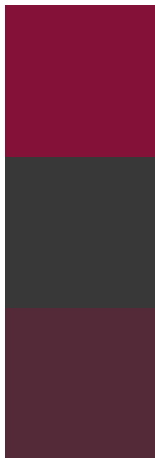
Deuteranomaly

64.1180, -5.4812, 31.4685

Tritanomaly

57.0020, -9.3680, 64.8962

Monochromacy



Original Color

55.8310, 0.0833, 66.8002

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1540, -0.0759, 24.4209

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8310, 0.0833, 66.8002 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(132, 17, 56)` looks like.

```
.text, #text, p{  
    color:rgb(132, 17, 56)  
}
```

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(132, 17, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 17, 56) }
```

Border

The CSS property to change the border of an element to YUV 55.8310, 0.0833, 66.8002 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(132, 17, 56) }
```


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

```
.border{ border-color:rgb(132, 17, 56) }
```

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

Here you see how a box with a 4 pixel rgb(132, 17, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 17, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 17, 56);  
box-shadow:4px 4px 4px 4px rgb(132, 17,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 55.8310, 0.0833, 66.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 17, 56) }
```

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

```
.background{ background-color: rgb(132, 17,  
56) }
```

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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