

Converting Colors

YUV(55.4130, 0.7824, 75.9368)

Have a look what the booklet for
YUV(55.4130, 0.7824, 75.9368)
contains.

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Color

**YUV(55.4130, 0.7824,
75.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0B39
RGB	142, 11, 57
RGB Percent	56%, 4%, 22%
CMY	0.4431, 0.9569, 0.7765
CMYK	0.00, 0.92, 0.60, 0.44
HSL	339°, 86%, 30%
HSV	339°, 92%, 56%
XYZ	12.0135, 6.2855, 4.4509
YIQ	55.4130, 63.3100, 42.0780

Conversions

Conversions Part 2

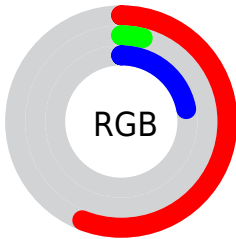
Format	Color
R_{YB}	142, 11, 57
Decimal	9308985
CIE Lab	30.12, 52.13, 10.62
CIE LCh	30, 53.198, 11.520
Yxy	6.2855, 0.5281, 0.2763
Android (android.graphics.Color)	4287499065 (0xFF8E0B39)
YUV	55.4130, 0.7824, 75.9368
Hunter-Lab	25.0710, 41.6595, 7.0237

Details

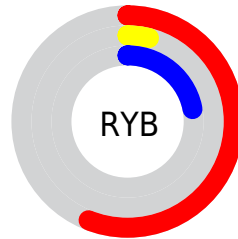
The YUV color **55.4130, 0.7824, 75.9368** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **97.5870, -0.7824, -75.9368**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5670, -6.1955, 74.0477**, and **27.1250, -5.9776, 50.7564** is the 20% darker color. If you saturate the color by 10%, you get **48.1580, 0.9081, 82.2994**, and if you desaturate by 10%, it is **64.6570, 0.6621, 67.8298**.

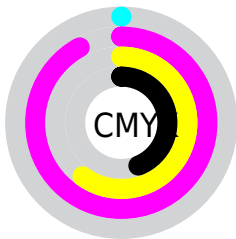
Distribution



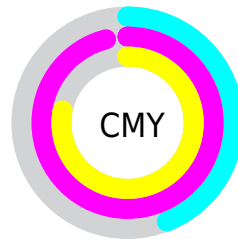
- Red (56%)
- Green (4%)
- Blue (22%)



- Red (56%)
- Yellow (4%)
- Blue (22%)



- Cyan (0%)
- Magenta (92%)
- Yellow (60%)
- Black (44%)



- Cyan (44%)
- Magenta (96%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4130, 0.7824, 75.9368 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 55.4130, 0.7824, 75.9368 by changing the saturation by 10% instead.

■ 55.4130, 0.7824,
75.9368

■ 55.4130, 0.7824,
75.9368

255.0000, 0.0000,
0.0000

■ 37.8910, -0.9323,
65.8706

■ 116.5670, -6.1955,
74.0477

■ 27.1250, -5.9776,
50.7564

■ 144.2360, -7.5113,
76.0920

■ 17.8690, -7.8234,
36.0719

■ 170.2250, -7.5059,
74.3477

■ 6.2790, -3.0955,
12.9103

■ 189.6250, -4.2521,
57.3339


■ 0.0000, 0.0000,
0.0000


■ 209.2530, -0.1247,
40.1201


■ 229.4680, 3.7133,

22.3916


 248.5430, 3.1833,
5.6628

 55.4130, 0.7824,
75.9368


 55.4130, 0.7824,
75.9368

 48.1580, 0.9081,
82.2994

 64.6570, 0.6621,
67.8298

 73.9010, 0.5418,
59.7228

 83.8460, 0.5689,
51.0011

 93.0900, 0.4486,
42.8941

 102.3340, 0.3283,
34.7871

■ 111.5780, 0.2080,
26.6801

■ 120.8220, 0.0878,
18.5731

■ 130.7670, 0.1149,
9.8513

■ 140.0110, -0.0054,
1.7444

Harmonies

Analogous

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



64.1300, 16.6979, 57.7680



55.4130, 0.7824, 75.9368



63.1250, -22.7396, 60.4034

Triad

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



55.4130, 0.7824, 75.9368



54.7010, -26.9676, -30.4328



65.8210, 41.5002, -57.7250

Complementary

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



55.4130, 0.7824, 75.9368



97.5870, -0.7824, -75.9368

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.



65.9060, 29.1333, -57.7996



55.4130, 0.7824, 75.9368



55.9710, -6.3947, -49.0866

Square

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



55.4130, 0.7824, 75.9368



65.5640, -32.3231, 7.3984



62.0470, 11.8088, -54.4152



59.1190, 46.2833, -51.8474

Rectangle

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



55.4130, 0.7824, 75.9368



66.0940, -32.5843, 44.6446



62.0470, 11.8088, -54.4152



66.3110, 38.3007, -58.1547

Sweetspot

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



55.4130, 0.7824, 75.9368



149.6000, 0.1972, 30.1688



50.7510, 44.9858, 37.9294



71.5230, 0.2352, 17.9583



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



55.4130, 0.7824, 75.9368



62.3120, 0.8322, 106.7204



60.1480, -24.2300, 71.7842



66.4350, 0.2785, 4.0035



45.7230, 0.6296, 78.2959



2.7340, 0.1311, 4.6183

Inverse Universe

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



55.4130, 0.7824, 75.9368



62.3120, 0.8322, 106.7204



92.8520, 24.2300, -71.7842



66.4350, 0.2785, 4.0035



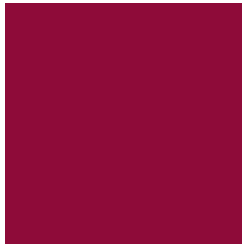
45.7230, 0.6296, 78.2959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 55.4130, 0.7824, 75.9368 looks on a white background.

Color Contrast Check

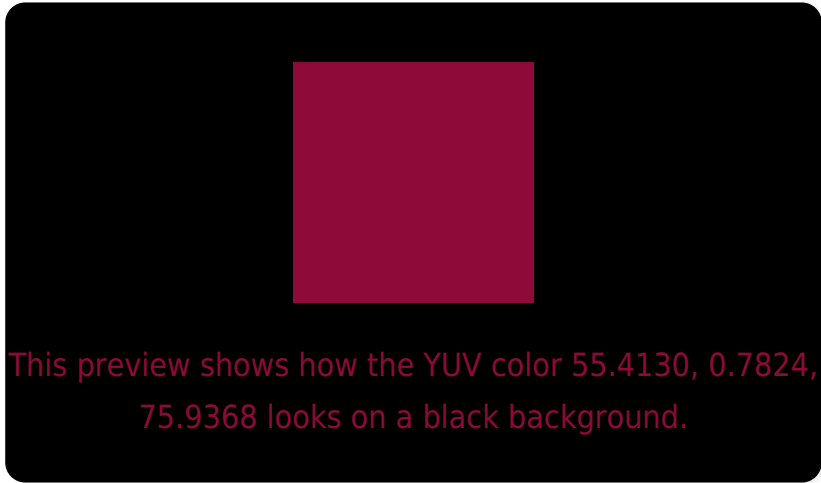
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.4130, 0.7824, 75.9368

Background



This preview shows how black text looks on a background with the YUV color 55.4130, 0.7824, 75.9368.



This preview shows how white text looks on a background with the YUV color 55.4130, 0.7824,

75.9368.

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

55.4130, 0.7824, 75.9368

Protanopia

73.7270, 4.0786, -1.5146

Deuteranopia

72.9170, -10.8051, 12.3508



Tritanopia

59.5700, -17.5360, 71.4141

Trichromacy



Original Color

55.4130, 0.7824, 75.9368

Protanomaly

66.6750, 3.1182, 26.5950

Deuteranomaly

66.7980, -6.8024, 35.2572

Tritanomaly

58.0030, -10.8475, 72.7884

Monochromacy



Original Color

55.4130, 0.7824, 75.9368

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2900, 0.3500, 27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4130, 0.7824, 75.9368 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(142, 11, 57)` looks like.

```
.text, #text, p{  
    color:rgb(142, 11, 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(142, 11, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 11, 57) }
```

Border

The CSS property to change the border of an element to YUV 55.4130, 0.7824, 75.9368 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(142, 11, 57) }
```


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

```
.border{ border-color:rgb(142, 11, 57) }
```

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

Here you see how a box with a 4 pixel rgb(142, 11, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 11, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 11, 57);  
box-shadow:4px 4px 4px 4px rgb(142, 11,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 55.4130, 0.7824, 75.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 11, 57) }
```

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

```
.background{ background-color: rgb(142, 11,  
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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