

Converting Colors

YUV(55.9730, -8.8607, 42.1197)

Have a look what the booklet for
YUV(55.9730, -8.8607, 42.1197)
contains.

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Color

**YUV(55.9730, -8.8607,
42.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	682326
RGB	104, 35, 38
RGB Percent	41%, 14%, 15%
CMY	0.5922, 0.8627, 0.8510
CMYK	0.00, 0.66, 0.63, 0.59
HSL	357°, 50%, 27%
HSV	357°, 66%, 41%
XYZ	6.6598, 4.2851, 2.3098
YIQ	55.9730, 40.1610, 15.5610

Conversions

Conversions Part 2

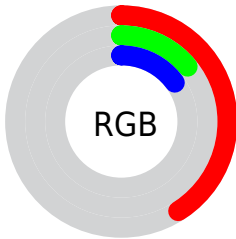
Format	Color
R_{YB}	104, 35, 38
Decimal	6824742
CIE Lab	24.59, 31.16, 14.62
CIE LCh	25, 34.424, 25.135
Yxy	4.2851, 0.5024, 0.3233
Android (android.graphics.Color)	4285014822 (0xFF682326)
YUV	55.9730, -8.8607, 42.1197
Hunter-Lab	20.7004, 21.2020, 7.8745

Details

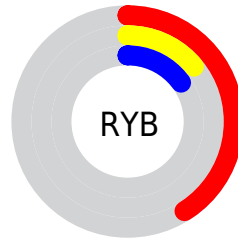
The YUV color **55.9730, -8.8607, 42.1197** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.0270, 8.8607, -42.1197**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7240, -11.2029, 46.7231**, and **15.5480, -7.6652, 31.9684** is the 20% darker color. If you saturate the color by 10%, you get **48.9630, -10.3348, 48.2674**, and if you desaturate by 10%, it is **62.9830, -7.3866, 35.9719**.

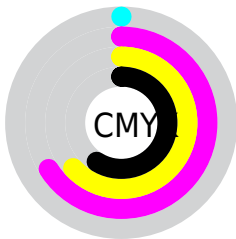
Distribution



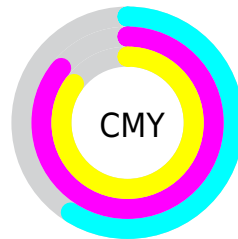
- Red (41%)
- Green (14%)
- Blue (15%)



- Red (41%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (66%)
- Yellow (63%)
- Black (59%)



- Cyan (59%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9730, -8.8607, 42.1197 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 55.9730, -8.8607, 42.1197 by changing the saturation by 10% instead.

■ 55.9730, -8.8607,
42.1197

■ 55.9730, -8.8607,
42.1197

255.0000, 0.0000,
0.0000

■ 30.3580, -6.0925,
40.9050

■ 105.7240,
-11.2029, 46.7231

■ 15.5480, -7.6652,
31.9684

■ 132.3930,
-12.5187, 48.7673

■ 5.3820, -2.6533,
11.0660

■ 158.5890,
-13.1084, 51.2264

■ 0.0000, 0.0000,
0.0000

■ 186.0730,
-13.8400, 52.5560

■ 208.2780,
-11.4761, 40.9752

■ 227.9060, -7.3487,

23.7614

247.5340, -3.2213,
6.5477

55.9730, -8.8607,
42.1197

55.9730, -8.8607,
42.1197

48.9630, -10.3348,
48.2674

62.9830, -7.3866,
35.9719

41.3660, -11.5194,
54.9300

70.5800, -6.2019,
29.3093

34.3560, -12.9935,
61.0778

77.5900, -4.7279,
23.1616

31.6660, -13.1463,
63.4369

85.1870, -3.5432,
16.4990

92.1970, -2.0691,
10.3512

■ 99.2070, -0.5951,
4.2035

■ 106.8040, 0.5896,
-2.4591

■ 113.8140, 2.0637,
-8.6069

■ 121.4110, 3.2484,
-15.2694

Harmonies

Analogous

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



57.1650, 3.3697, 39.3203



55.9730, -8.8607, 42.1197



56.2310, -20.3269, 33.1234

Triad

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



55.9730, -8.8607, 42.1197



46.2830, -9.5065, -30.9432



49.5210, 29.8161, -43.4299

Complementary

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



55.9730, -8.8607, 42.1197



83.0270, 8.8607, -42.1197

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.



51.4300, 24.4380, -45.1041



55.9730, -8.8607, 42.1197



47.1320, 2.8929, -41.3348

Square

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



55.9730, -8.8607, 42.1197



52.3870, -23.8548, -2.0934



50.2100, 14.6865, -44.0342



58.1450, 23.5925, -7.1432

Rectangle

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



55.9730, -8.8607, 42.1197



55.2700, -26.2621, 23.4422



50.2100, 14.6865, -44.0342



50.5810, 28.8006, -44.3595

Sweetspot

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



55.9730, -8.8607, 42.1197



116.1870, -3.5432, 16.4990



62.6000, 20.4102, 33.6768



57.1970, -2.0691, 10.3512



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



55.9730, -8.8607, 42.1197



59.8620, -13.7360, 65.8960



73.8280, -19.1422, 26.4608



47.4950, -0.7370, 3.0739



34.9550, -14.7678, 70.1995



73.6120, -30.8677, 147.6763

Inverse Universe

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



55.9730, -8.8607, 42.1197



59.8620, -13.7360, 65.8960



65.1720, 19.1422, -26.4608



47.4950, -0.7370, 3.0739



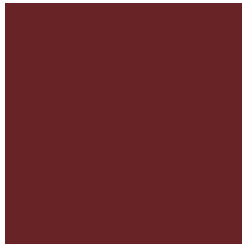
34.9550, -14.7678, 70.1995



73.6120, -30.8677, 147.6763

Previews

White Background



This preview shows how the YUV color 55.9730, -8.8607, 42.1197 looks on a white background.

Color Contrast Check

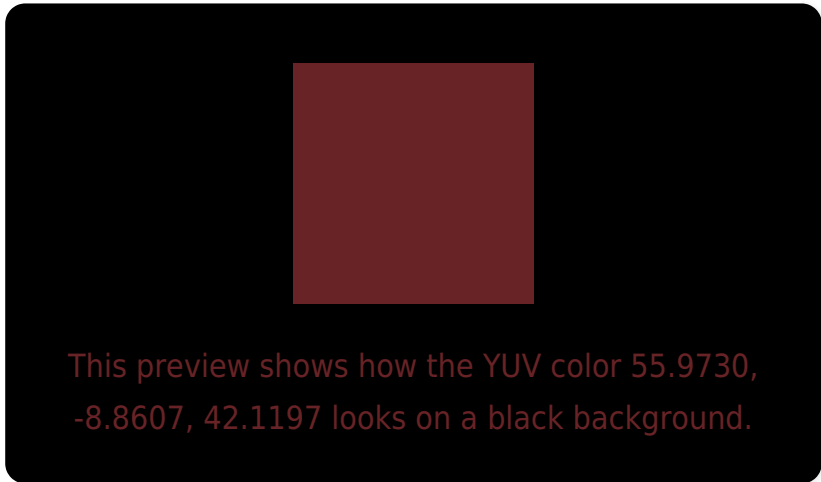
Large Text (above 18pt) WCAG AA ✓ Pass

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

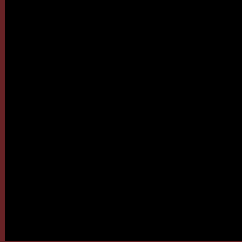
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9730, -8.8607, 42.1197

Background



This preview shows how black text looks on a background with the YUV color 55.9730, -8.8607, 42.1197.

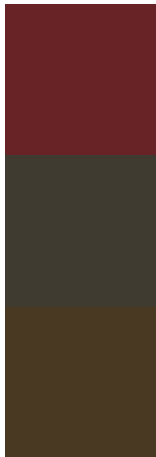


This preview shows how white text looks on a background with the YUV color 55.9730, -8.8607,

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

55.9730, -8.8607, 42.1197

Protanopia

58.9420, -5.3944, 3.5589

Deuteranopia

59.1620, -12.4049, 12.1359



Tritanopia

55.8590, -9.2975, 42.2197

Trichromacy



Original Color

55.9730, -8.8607, 42.1197

Protanomaly

57.6880, -6.7482, 17.8136

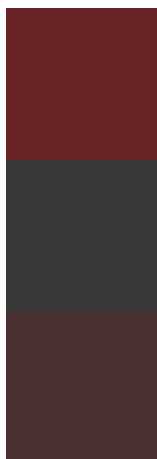
Deuteranomaly

57.8690, -11.2744, 22.9169

Tritanomaly

55.8590, -9.2975, 42.2197

Monochromacy



Original Color

55.9730, -8.8607, 42.1197

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.5890, -3.2484, 15.2694

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9730, -8.8607, 42.1197 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(104, 35, 38)` looks like.

```
.text, #text, p{  
    color:rgb(104, 35, 38)  
}
```

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(104, 35, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 35, 38) }
```

Border

The CSS property to change the border of an element to YUV 55.9730, -8.8607, 42.1197 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(104, 35, 38) }
```


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

```
.border{ border-color:rgb(104, 35, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 35, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 35, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 35, 38);  
box-shadow:4px 4px 4px 4px rgb(104, 35,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 55.9730, -8.8607, 42.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 35, 38) }
```

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

```
.background{ background-color: rgb(104, 35,  
38) }
```

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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