

Converting Colors

YUV(70.2550, -3.0837, 55.9044)

Have a look what the booklet for
YUV(70.2550, -3.0837, 55.9044)
contains.

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Color

**YUV(70.2550, -3.0837,
55.9044)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 862740 |
| RGB | 134, 39, 64 |
| RGB Percent | 53%, 15%, 25% |
| CMY | 0.4745, 0.8471, 0.7490 |
| CMYK | 0.00, 0.71, 0.52, 0.47 |
| HSL | 344°, 55%, 34% |
| HSV | 344°, 71%, 53% |
| XYZ | 11.4824, 6.8895, 5.5751 |
| YIQ | 70.2550, 48.5950, 27.9150 |

Conversions

Conversions Part 2

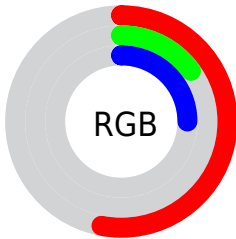
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 134, 39, 64 |
| Decimal | 8791872 |
| CIE _{Lab} | 31.55, 42.20, 7.72 |
| CIE _{LCh} | 32, 42.900, 10.371 |
| Yxy | 6.8895, 0.4795, 0.2877 |
| Android (android.graphics.Color) | 4286981952 (0xFF862740) |
| YUV | 70.2550, -3.0837, 55.9044 |
| Hunter-Lab | 26.2479, 32.1530, 5.7802 |

Details

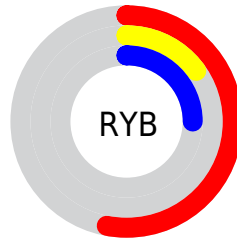
The YUV color **70.2550, -3.0837, 55.9044** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **102.7450, 3.0837, -55.9044**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1800, -6.0047, 59.4781**, and **26.1290, -2.0356, 46.3679** is the 20% darker color. If you saturate the color by 10%, you get **61.4840, -3.6896, 63.5965**, and if you desaturate by 10%, it is **79.0260, -2.4778, 48.2122**.

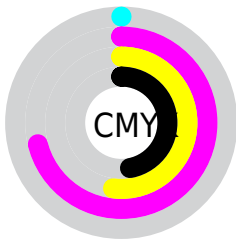
Distribution



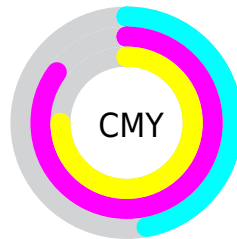
- Red (53%)
- Green (15%)
- Blue (25%)



- Red (53%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (71%)
- Yellow (52%)
- Black (47%)





- Cyan (47%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.2550, -3.0837, 55.9044 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 70.2550, -3.0837, 55.9044 by changing the saturation by 10% instead.


 70.2550, -3.0837,
55.9044

 70.2550, -3.0837,
55.9044

255.0000, 0.0000,
0.0000

 40.5910, 0.6946,
57.3637


 123.1800, -6.0047,
59.4781

 26.1290, -2.0356,
46.3679

 150.3760, -6.5944,
61.9372


 16.5590, -7.6706,
33.7128

 177.8600, -7.3260,
63.2668

 4.4850, -2.2111,
9.2217

 198.2820, -4.0830,
49.7417

 0.0000, 0.0000,
0.0000

 217.9100, 0.0444,
32.5279

 238.1250, 3.8824,

14.7994

■ 70.2550, -3.0837,
55.9044

■ 70.2550, -3.0837,
55.9044

■ 61.4840, -3.6896,
63.5965

■ 79.0260, -2.4778,
48.2122

■ 52.1260, -4.0061,
71.8035

■ 88.3840, -2.1613,
40.0052

■ 44.0560, -4.4646,
78.8809

■ 97.1550, -1.5554,
32.3131

■ 106.3990, -1.6757,
24.2061

■ 115.1700, -1.0698,
16.5139

■ 123.9410, -0.4639,
8.8217

■ 133.2990, -0.1474,
0.6148

■ 142.0700, 0.4585,
-7.0774

■ 151.4280, 0.7750,
-15.2844

Harmonies

Analogous

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



73.7770, 11.9419, 43.1686



70.2550, -3.0837, 55.9044



70.6830, -19.0707, 50.2670

Triad

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



70.2550, -3.0837, 55.9044



63.8040, -23.0744, -19.1221



65.0400, 35.9693, -57.0401

Complementary

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



70.2550, -3.0837, 55.9044



102.7450, 3.0837, -55.9044

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.



65.5810, 25.3496, -57.5145



70.2550, -3.0837, 55.9044



57.3560, -3.6265, -50.3012

Square

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



70.2550, -3.0837, 55.9044



68.2330, -33.6389, 9.4427



62.5200, 11.0826, -54.8300



60.7080, 39.5840, -49.7329

Rectangle

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



70.2550, -3.0837, 55.9044



71.2720, -29.2211, 39.2265



62.5200, 11.0826, -54.8300



65.6440, 33.2065, -57.5698

Sweetspot

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



70.2550, -3.0837, 55.9044



148.9040, -0.9387, 21.1322



70.7600, 31.1773, 33.5365



72.2620, -0.6222, 12.9252



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.



70.2550, -3.0837, 55.9044



74.3990, -4.6337, 86.4731



80.3190, -20.3703, 47.0782



61.9080, -0.4476, 3.5887



42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Inverse Universe

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



70.2550, -3.0837, 55.9044



74.3990, -4.6337, 86.4731



92.6810, 20.3703, -47.0782



61.9080, -0.4476, 3.5887



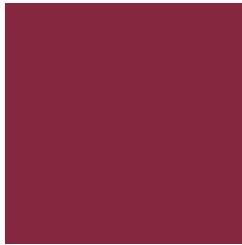
42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 70.2550, -3.0837, 55.9044 looks on a white background.

Color Contrast Check

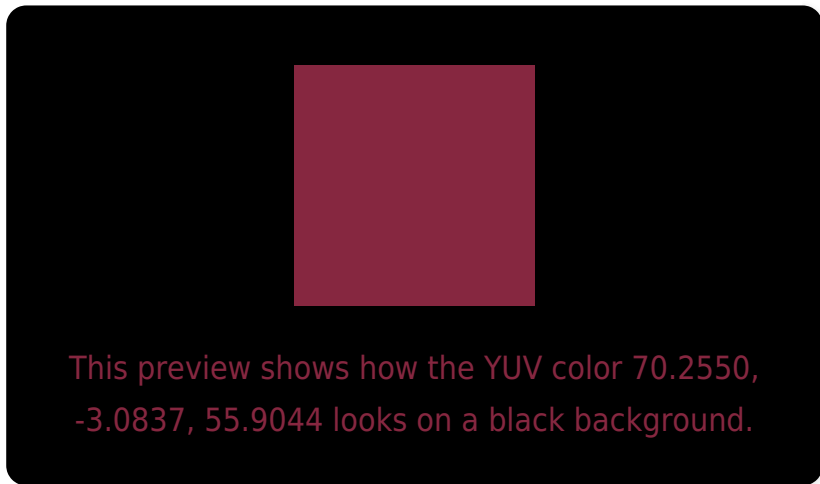
Large Text (above 18pt) WCAG AA ✓ Pass

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

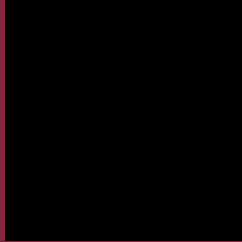
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2550, -3.0837, 55.9044

Background



This preview shows how black text looks on a background with the YUV color 70.2550, -3.0837, 55.9044.



This preview shows how white text looks on a background with the YUV color 70.2550, -3.0837,

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

70.2550, -3.0837, 55.9044

Protanopia

75.9120, 3.4944, -0.7998

Deuteranopia

75.3020, -8.0369, 11.1361



Tritanopia

70.1380, -12.3930, 55.1300

Trichromacy



Original Color

70.2550, -3.0837, 55.9044

Protanomaly

73.7620, 1.1033, 19.5027

Deuteranomaly

73.5690, -6.1965, 27.5650

Tritanomaly

70.3490, -9.0461, 54.9449

Monochromacy



Original Color

70.2550, -3.0837, 55.9044

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1920, -1.0807, 20.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2550, -3.0837, 55.9044 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(134, 39, 64)` looks like.

```
.text, #text, p{  
    color:rgb(134, 39, 64)  
}
```

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(134, 39, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 39, 64) }
```

Border

The CSS property to change the border of an element to YUV 70.2550, -3.0837, 55.9044 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(134, 39, 64) }
```


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

```
.border{ border-color:rgb(134, 39, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 39, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 39, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 39, 64);  
box-shadow:4px 4px 4px 4px rgb(134, 39,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 70.2550, -3.0837, 55.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 39, 64) }
```

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

```
.background{ background-color: rgb(134, 39,  
64) }
```

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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