

Converting Colors

YUV(58.2550, -3.0837, 55.9044)

Have a look what the booklet for
YUV(58.2550, -3.0837, 55.9044)
contains.

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Color

**YUV(58.2550, -3.0837,
55.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	7A1B34
RGB	122, 27, 52
RGB Percent	48%, 11%, 20%
CMY	0.5216, 0.8941, 0.7961
CMYK	0.00, 0.78, 0.57, 0.52
HSL	344°, 64%, 29%
HSV	344°, 78%, 48%
XYZ	9.0378, 5.1694, 3.7703
YIQ	58.2550, 48.5950, 27.9150

Conversions

Conversions Part 2

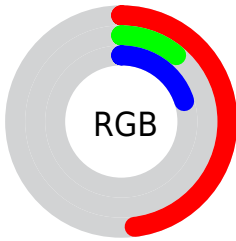
Format	Color
R_{YB}	122, 27, 52
Decimal	8002356
CIE Lab	27.21, 41.96, 9.32
CIE LCh	27, 42.979, 12.518
Yxy	5.1694, 0.5027, 0.2875
Android (android.graphics.Color)	4286192436 (0xFF7A1B34)
YUV	58.2550, -3.0837, 55.9044
Hunter-Lab	22.7363, 31.1664, 6.0836

Details

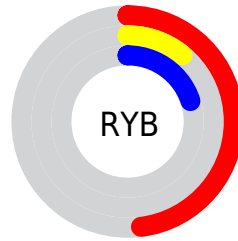
The YUV color **58.2550, -3.0837, 55.9044** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **90.7450, 3.0837, -55.9044**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6530, -6.7309, 59.0633**, and **21.0160, -7.4029, 41.2050** is the 20% darker color. If you saturate the color by 10%, you get **50.1850, -3.5422, 62.9818**, and if you desaturate by 10%, it is **66.3250, -2.6252, 48.8270**.

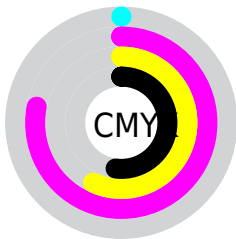
Distribution



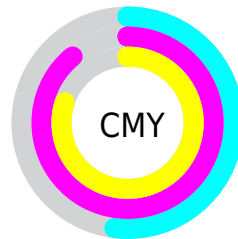
- Red (48%)
- Green (11%)
- Blue (20%)



- Red (48%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)
- Black (52%)



- Cyan (52%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.2550, -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 58.2550, -3.0837, 55.9044 by changing the saturation by 10% instead.

■ 58.2550, -3.0837,
55.9044

■ 58.2550, -3.0837,
55.9044

255.0000, 0.0000,
0.0000

■ 31.6400, -0.3155,
54.6897

■ 111.6530, -6.7309,
59.0633

■ 21.0160, -7.4029,
41.2050

■ 138.4360, -7.6099,
61.0076

■ 12.9710, -5.9017,
26.3354

■ 165.6320, -8.1996,
63.4667

■ 0.0000, 0.0000,
0.0000

■ 190.1150, -7.4517,
56.9041

■ 209.1560, -3.0349,
40.2052

■ 229.3710, 0.8031,

22.4766

248.5430, 3.1833,
5.6628

58.2550, -3.0837,
55.9044

58.2550, -3.0837,
55.9044

50.1850, -3.5422,
62.9818

66.3250, -2.6252,
48.8270

42.1150, -4.0007,
70.0591

74.3950, -2.1667,
41.7496

40.1260, -4.0061,
71.8035

83.0520, -1.9976,
34.1574

91.1220, -1.5391,
27.0800

99.1920, -1.0807,
20.0026

■ 107.2620, -0.6222,
12.9252

■ 115.3320, -0.1637,
5.8478

■ 123.9890, 0.0054,
-1.7444

■ 132.0590, 0.4639,
-8.8217

Harmonies

Analogous

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



62.2610, 11.2103, 44.4981



58.2550, -3.0837, 55.9044



59.9600, -19.2073, 47.3931

Triad

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



58.2550, -3.0837, 55.9044



52.4230, -21.9005, -22.2960



57.3290, 34.3478, -50.2775

Complementary

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



58.2550, -3.0837, 55.9044



90.7450, 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.



58.0980, 24.6017, -50.9519



58.2550, -3.0837, 55.9044



50.6880, -3.7902, -44.4534

Square

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



58.2550, -3.0837, 55.9044



59.3620, -29.2655, 6.6985



55.2650, 11.2084, -48.4674



52.2740, 37.8259, -45.8443

Rectangle

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



58.2550, -3.0837, 55.9044



60.4350, -29.7945, 36.4525



55.2650, 11.2084, -48.4674



58.0470, 32.0218, -50.9072

Sweetspot

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



58.2550, -3.0837, 55.9044



133.7900, -1.3755, 21.2322



58.7600, 31.1773, 33.5365



64.2620, -0.6222, 12.9252



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



58.2550, -3.0837, 55.9044



59.3990, -4.6337, 86.4731



68.3190, -20.3703, 47.0782



57.0220, -0.0108, 3.4887



41.1370, -4.0115, 73.5479



82.8720, -8.3179, 148.3253

Inverse Universe

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



58.2550, -3.0837, 55.9044



59.3990, -4.6337, 86.4731



80.6810, 20.3703, -47.0782



57.0220, -0.0108, 3.4887



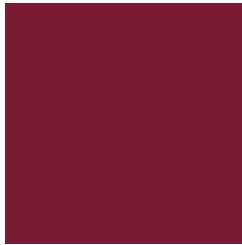
41.1370, -4.0115, 73.5479



82.8720, -8.3179, 148.3253

Previews

White Background



This preview shows how the YUV color 58.2550, -3.0837, 55.9044 looks on a white background.

Color Contrast Check

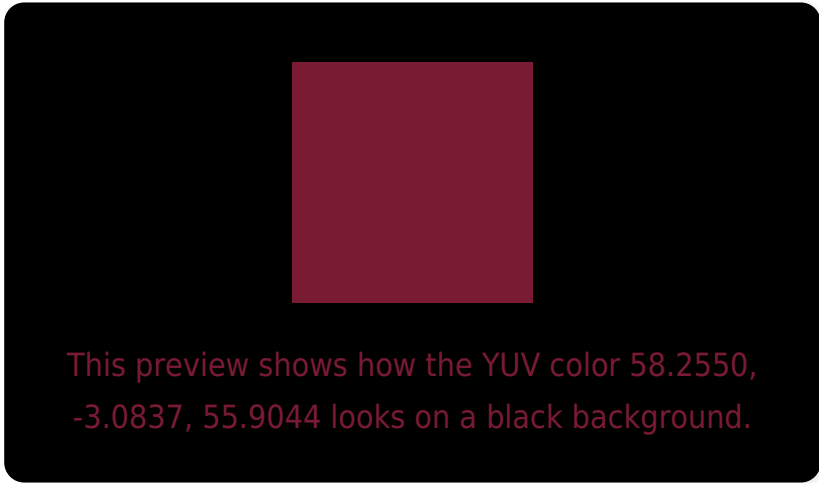
Large Text (above 18pt) WCAG AA ✓ Pass

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

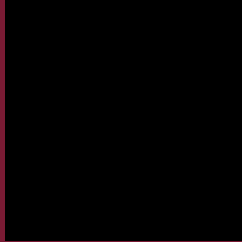
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.2550, -3.0837, 55.9044

Background



This preview shows how black text looks on a background with the YUV color 58.2550, -3.0837, 55.9044.



This preview shows how white text looks on a background with the YUV color 58.2550, -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

58.2550, -3.0837, 55.9044

Protanopia

66.4560, 1.7472, -0.3999

Deuteranopia

65.6610, -9.1999, 10.8213



Tritanopia

58.7250, -12.6824, 54.6152

Trichromacy



Original Color

58.2550, -3.0837, 55.9044

Protanomaly

63.4200, -0.2071, 19.8027

Deuteranomaly

63.0420, -6.9227, 27.1502

Tritanomaly

58.3490, -9.0461, 54.9449

Monochromacy



Original Color

58.2550, -3.0837, 55.9044

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1920, -1.0807, 20.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.2550, -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(122, 27, 52)` looks like.

```
.text, #text, p{  
    color:rgb(122, 27, 52)  
}
```

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(122, 27, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 27, 52) }
```

Border

The CSS property to change the border of an element to YUV 58.2550, -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(122, 27, 52) }
```


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

```
.border{ border-color:rgb(122, 27, 52) }
```

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

Here you see how a box with a 4 pixel rgb(122, 27, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 27, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 27, 52);  
box-shadow:4px 4px 4px 4px rgb(122, 27,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 58.2550, -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(122, 27, 52) }
```

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

```
.background{ background-color: rgb(122, 27,  
52) }
```

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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