

Converting Colors

YUV(55.2100, 5.3195, 67.3448)

Have a look what the booklet for
YUV(55.2100, 5.3195, 67.3448)
contains.

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Color

**YUV(55.2100, 5.3195,
67.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	840E42
RGB	132, 14, 66
RGB Percent	52%, 5%, 26%
CMY	0.4824, 0.9451, 0.7412
CMYK	0.00, 0.89, 0.50, 0.48
HSL	334°, 81%, 29%
HSV	334°, 89%, 52%
XYZ	10.6561, 5.6130, 5.6760
YIQ	55.2100, 53.6360, 41.1880

Conversions

Conversions Part 2

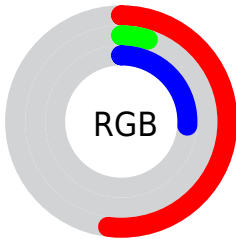
Format	Color
R_{YB}	132, 14, 66
Decimal	8654402
CIE Lab	28.41, 49.66, 1.86
CIE LCh	28, 49.691, 2.150
Yxy	5.6130, 0.4856, 0.2558
Android (android.graphics.Color)	4286844482 (0xFF840E42)
YUV	55.2100, 5.3195, 67.3448
Hunter-Lab	23.6917, 38.8259, 2.3795




Details

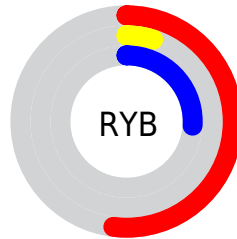
The YUV color **55.2100, 5.3195, 67.3448** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **90.7900, -5.3195, -67.3448**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.8310, 0.0833, 66.8002**, and **25.4600, -0.7198, 44.3236** is the 20% darker color. If you saturate the color by 10%, you get **46.7810, 6.0240, 74.7371**, and if you desaturate by 10%, it is **63.6390, 4.6150, 59.9526**.

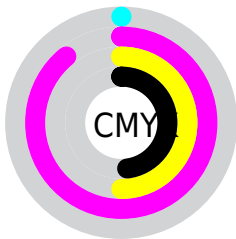
Distribution







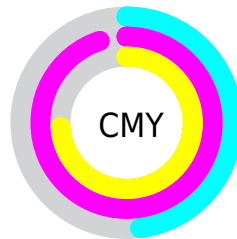
-  Red (52%)
-  Green (5%)
-  Blue (26%)






-  Red (52%)
-  Yellow (5%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (50%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (95%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2100, 5.3195, 67.3448 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 55.2100, 5.3195, 67.3448 by changing the saturation by 10% instead.

■ 55.2100, 5.3195,
67.3448

■ 55.2100, 5.3195,
67.3448

■ 255.0000, 0.0000,
0.0000

■ 36.1120, 3.8888,
59.5378

■ 113.8310, 0.0833,
66.8002

■ 25.4600, -0.7198,
44.3236

■ 141.2010, -1.0851,
68.2297

■ 15.7760, -6.7916,
31.7684

■ 168.9840, -1.9641,
70.1740

■ 0.0000, 0.0000,
0.0000

■ 189.7050, 1.1314,
57.2637

■ 209.3330, 5.2588,
40.0500

■ 229.6620, 9.5336,

22.2214

247.3690, 3.7621,
6.6924

55.2100, 5.3195,
67.3448

55.2100, 5.3195,
67.3448

46.7810, 6.0240,
74.7371

63.6390, 4.6150,
59.9526

46.0800, 5.8766,
75.3518

72.1820, 4.3473,
52.4604

81.1980, 3.3534,
44.5534

89.7410, 3.0857,
37.0611

98.1700, 2.3812,
29.6689

■ 106.5990, 1.6767,
22.2767

■ 115.1420, 1.4090,
14.7845

■ 124.1580, 0.4151,
6.8774

■ 132.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



65.3130, 19.0727, 42.6985



55.2100, 5.3195, 67.3448



58.9000, -14.7407, 61.4777

Triad

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



55.2100, 5.3195, 67.3448



56.8710, -28.0374, -13.9189



62.3500, 35.8165, -54.6809

Complementary

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



55.2100, 5.3195, 67.3448



90.7900, -5.3195, -67.3448

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.



60.9190, 22.7179, -53.4260



55.2100, 5.3195, 67.3448



50.7390, -11.2103, -44.4981

Square

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



55.2100, 5.3195, 67.3448



62.9610, -31.0398, 15.8202



56.5870, 6.1196, -49.6268



58.0930, 42.3522, -50.9476

Rectangle

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



55.2100, 5.3195, 67.3448



61.2240, -29.6904, 49.7926



56.5870, 6.1196, -49.6268



62.6120, 31.7433, -54.9107

Sweetspot

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



55.2100, 5.3195, 67.3448



141.0340, 1.9552, 26.2802



46.8870, 41.9607, 28.1631



68.7400, 1.1142, 16.0140



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.



55.2100, 5.3195, 67.3448



59.6790, 7.5533, 97.6285



52.8040, -19.1304, 69.4549



62.1360, 0.4260, 3.3887



45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Inverse Universe

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



55.2100, 5.3195, 67.3448



59.6790, 7.5533, 97.6285



93.1960, 19.1304, -69.4549



62.1360, 0.4260, 3.3887



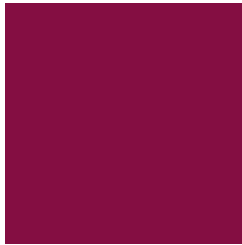
45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 55.2100, 5.3195, 67.3448 looks on a white background.

Color Contrast Check

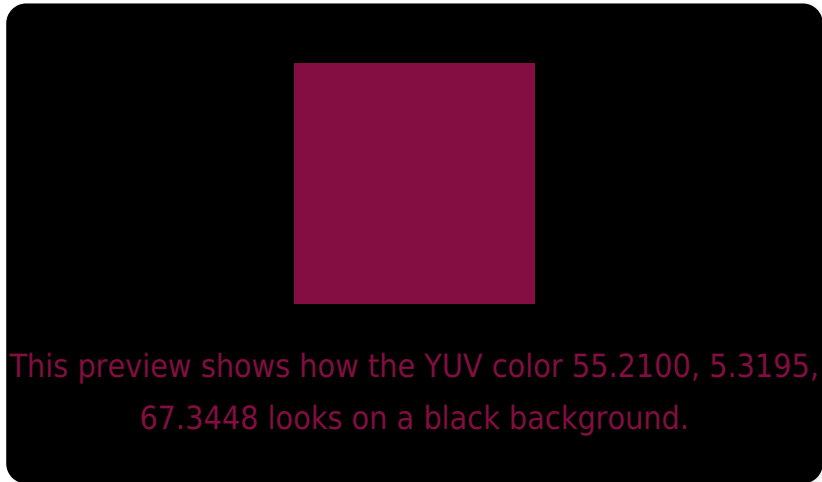
Large Text (above 18pt) WCAG AA ✓ Pass

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

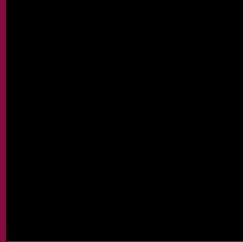
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2100, 5.3195, 67.3448

Background



This preview shows how black text looks on a background with the YUV color 55.2100, 5.3195, 67.3448.



This preview shows how white text looks on a background with the YUV color 55.2100, 5.3195,

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

55.2100, 5.3195, 67.3448

Protanopia

69.1700, 12.2412, -6.2881

Deuteranopia

69.9040, -4.3897, 7.9772



Tritanopia

59.1990, -14.8881, 62.0925

Trichromacy



Original Color

55.2100, 5.3195, 67.3448

Protanomaly

63.7650, 9.9759, 20.3771

Deuteranomaly

64.6600, -0.8184, 29.2392

Tritanomaly

58.0450, -7.9102, 63.9815

Monochromacy



Original Color

55.2100, 5.3195, 67.3448

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0230, 1.9607, 24.5358

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2100, 5.3195, 67.3448 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, 14, 66)` looks like.

```
.text, #text, p{  
    color:rgb(132, 14, 66)  
}
```

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, 14, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 14, 66) }
```

Border

The CSS property to change the border of an element to YUV 55.2100, 5.3195, 67.3448 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, 14, 66) }
```


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

```
.border{ border-color:rgb(132, 14, 66) }
```

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

Here you see how a box with a 4 pixel rgb(132, 14, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 14, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 14, 66);  
box-shadow:4px 4px 4px 4px rgb(132, 14,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 55.2100, 5.3195, 67.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 14, 66) }
```

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

```
.background{ background-color: rgb(132, 14,  
66) }
```

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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