

Converting Colors

YUV(62.1670, 0.4107, 55.1045)

Have a look what the booklet for
YUV(62.1670, 0.4107, 55.1045)
contains.

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Color

**YUV(62.1670, 0.4107,
55.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	7D1E3F
RGB	125, 30, 63
RGB Percent	49%, 12%, 25%
CMY	0.5098, 0.8824, 0.7529
CMYK	0.00, 0.76, 0.50, 0.51
HSL	339°, 61%, 30%
HSV	339°, 76%, 49%
XYZ	9.8189, 5.6474, 5.2752
YIQ	62.1670, 46.0270, 30.4030

Conversions

Conversions Part 2

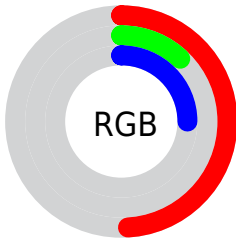
Format	Color
RYB	125, 30, 63
Decimal	8199743
CIELab	28.50, 42.78, 3.82
CIELCh	29, 42.948, 5.106
Yxy	5.6474, 0.4734, 0.2723
Android (android.graphics.Color)	4286389823 (0xFF7D1E3F)
YUV	62.1670, 0.4107, 55.1045
Hunter-Lab	23.7643, 32.1652, 3.4738

Details

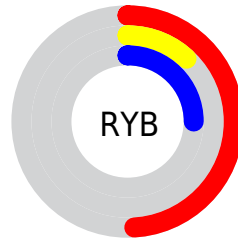
The YUV color **62.1670, 0.4107, 55.1045** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **92.8330, -0.4107, -55.1045**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.6790, -2.7997, 58.1635**, and **23.6230, -1.2931, 41.5496** is the 20% darker color. If you saturate the color by 10%, you get **54.2110, 0.3890, 62.0820**, and if you desaturate by 10%, it is **70.7100, 0.1430, 47.6123**.

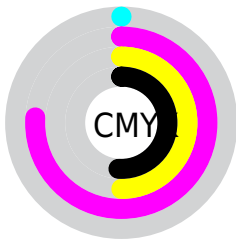
Distribution



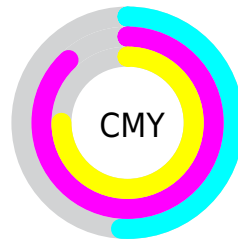
- Red (49%)
- Green (12%)
- Blue (25%)



- Red (49%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1670, 0.4107, 55.1045 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 62.1670, 0.4107, 55.1045 by changing the saturation by 10% instead.

62.1670, 0.4107,
55.1045

62.1670, 0.4107,
55.1045

255.0000, 0.0000,
0.0000

33.9760, 3.4628,
56.1490

115.6790, -2.7997,
58.1635

23.6230, -1.2931,
41.5496

142.5760, -3.2420,
60.0078

14.2810, -6.0545,
28.6946

170.0600, -3.9736,
61.3374


0.0000, 0.0000,
0.0000


193.4720, -2.2047,
53.9601


213.1000, 1.9227,
36.7463


232.7280, 6.0501,


19.5325


 250.8910, 2.0257,
3.6036


 62.1670, 0.4107,
55.1045


 62.1670, 0.4107,
55.1045


 54.2110, 0.3890,
62.0820

 70.7100, 0.1430,
47.6123


 45.6680, 0.6567,
69.5742

 78.6660, 0.1647,
40.6349

 42.2770, 0.3564,
72.5481

 87.2090, -0.1030,
33.1427

 95.2790, 0.3555,
26.0653

 103.8220, 0.0878,
18.5731

■ 111.7780, 0.1094,
11.5957

■ 120.3210, -0.1583,
4.1035

■ 128.2770, -0.1366,
-2.8739

■ 136.8200, -0.4043,
-10.3661

Harmonies

Analogous

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



67.0260, 14.2842, 38.5652



62.1670, 0.4107, 55.1045



62.6060, -15.5818, 51.2115

Triad

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



62.1670, 0.4107, 55.1045



57.5120, -26.8744, -13.6040



60.2640, 32.9008, -52.8515

Complementary

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



62.1670, 0.4107, 55.1045



92.8330, -0.4107, -55.1045

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.



60.1040, 22.1337, -52.7112



62.1670, 0.4107, 55.1045



51.2920, -6.5530, -44.9831

Square

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



62.1670, 0.4107, 55.1045



62.9390, -31.0289, 12.3315



56.3420, 7.7194, -49.4119



56.3660, 38.2736, -49.4330

Rectangle

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



62.1670, 0.4107, 55.1045



63.6790, -26.4637, 41.5005



56.3420, 7.7194, -49.4119



60.7540, 29.7013, -53.2813

Sweetspot

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



62.1670, 0.4107, 55.1045



138.5450, 0.2243, 21.4470



59.3680, 32.3566, 28.6183



66.7890, 0.1040, 13.3400



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



62.1670, 0.4107, 55.1045



65.0660, 0.4605, 85.8881



66.6230, -18.0551, 51.1966



59.4350, 0.2785, 4.0035



43.2880, 0.3510, 74.2924



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.1670, 0.4107, 55.1045



65.0660, 0.4605, 85.8881



88.3770, 18.0551, -51.1966



59.4350, 0.2785, 4.0035



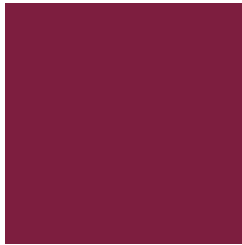
43.2880, 0.3510, 74.2924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 62.1670, 0.4107, 55.1045 looks on a white background.

Color Contrast Check

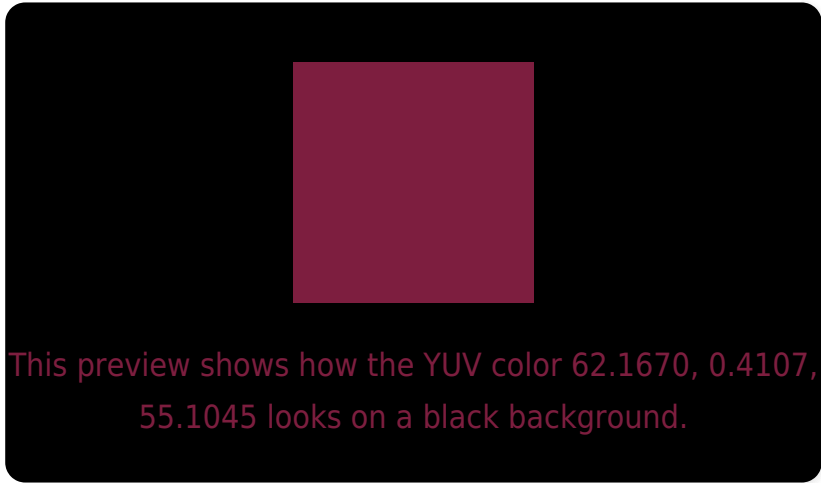
Large Text (above 18pt) WCAG AA ✓ Pass

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

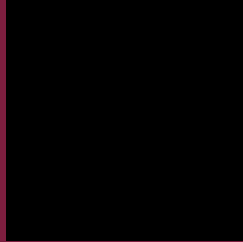
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.1670, 0.4107, 55.1045

Background



This preview shows how black text looks on a background with the YUV color 62.1670, 0.4107, 55.1045.



This preview shows how white text looks on a background with the YUV color 62.1670, 0.4107,

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

62.1670, 0.4107, 55.1045

Protanopia

68.9270, 7.4310, -3.4440

Deuteranopia

68.9750, -5.4107, 8.7919



Tritanopia

62.5400, -12.0982, 53.9004

Trichromacy



Original Color

62.1670, 0.4107, 55.1045

Protanomaly

66.3750, 4.7451, 18.0881

Deuteranomaly

66.6550, -3.2809, 25.7356

Tritanomaly

62.3920, -7.5883, 54.0302

Monochromacy



Original Color

62.1670, 0.4107, 55.1045

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8330, 0.0823, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1670, 0.4107, 55.1045 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(125, 30, 63)` looks like.

```
.text, #text, p{  
    color:rgb(125, 30, 63)  
}
```

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(125, 30, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 30, 63) }
```

Border

The CSS property to change the border of an element to YUV 62.1670, 0.4107, 55.1045 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(125, 30, 63) }
```


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

```
.border{ border-color:rgb(125, 30, 63) }
```

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

Here you see how a box with a 4 pixel rgb(125, 30, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 30, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 30, 63);  
box-shadow:4px 4px 4px 4px rgb(125, 30,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 62.1670, 0.4107, 55.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 30, 63) }
```

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

```
.background{ background-color: rgb(125, 30,  
63) }
```

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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