

# Converting Colors

YUV(62.4670, -1.2162, 63.6114)

Have a look what the booklet for  
YUV(62.4670, -1.2162, 63.6114)  
contains.

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# Color

**YUV(62.4670, -1.2162,  
63.6114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	871A3C
RGB	135, 26, 60
RGB Percent	53%, 10%, 24%
CMY	0.4706, 0.8980, 0.7647
CMYK	0.00, 0.81, 0.56, 0.47
HSL	341°, 68%, 32%
HSV	341°, 81%, 53%
XYZ	11.1767, 6.2159, 4.8857
YIQ	62.4670, 54.0500, 33.6820

# Conversions

## Conversions Part 2

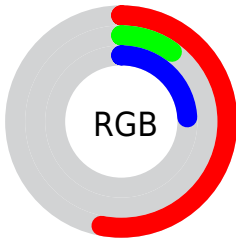
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 26, 60
Decimal	8854076
CIE Lab	29.95, 46.90, 8.16
CIE LCh	30, 47.600, 9.866
Yxy	6.2159, 0.5017, 0.2790
Android (android.graphics.Color)	4287044156 (0xFF871A3C)
YUV	62.4670, -1.2162, 63.6114
Hunter-Lab	24.9318, 36.3893, 5.8336

# Details

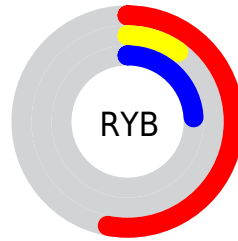
The YUV color **62.4670, -1.2162, 63.6114** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **98.5330, 1.2162, -63.6114**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0390, -5.4422, 65.7408**, and **25.6730, -3.7828, 46.7678** is the 20% darker color. If you saturate the color by 10%, you get **53.2230, -1.0959, 71.7184**, and if you desaturate by 10%, it is **71.1240, -1.0471, 56.0193**.

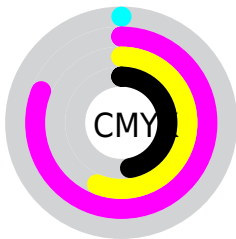
# Distribution



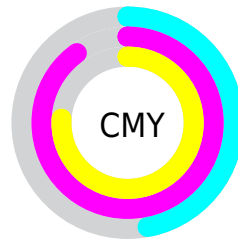
- Red (53%)
- Green (10%)
- Blue (24%)



- Red (53%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (81%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.4670, -1.2162, 63.6114 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 62.4670, -1.2162, 63.6114 by changing the saturation by 10% instead.



62.4670, -1.2162,  
63.6114

62.4670, -1.2162,  
63.6114

255.0000, 0.0000,  
0.0000

36.4390, 1.2626,  
61.8820

118.0390, -5.4422,  
65.7408

25.6730, -3.7828,  
46.7678

145.1210, -6.4687,  
68.2999

16.6730, -7.2338,  
33.6128

172.9040, -7.3477,  
70.2442

2.6910, -1.3267,  
5.5330

193.0160, -3.9519,  
54.3600

0.0000, 0.0000,  
0.0000

212.6440, 0.1755,  
37.1462

232.2720, 4.3029,

19.9325

250.8910, 2.0257,  
3.6036

62.4670, -1.2162,  
63.6114

62.4670, -1.2162,  
63.6114

53.2230, -1.0959,  
71.7184

71.1240, -1.0471,  
56.0193

45.1530, -1.5544,  
78.7958

80.4820, -0.7306,  
47.8123

89.1390, -0.5615,  
40.2201

98.3830, -0.6818,  
32.1131

107.6270, -0.8021,  
24.0061

■ 116.3980, -0.1962,  
16.3140

■ 125.0550, -0.0271,  
8.7218

■ 134.2990, -0.1474,  
0.6148

■ 143.0700, 0.4585,  
-7.0774

# Harmonies

## Analogous

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



67.7930, 14.3991, 48.4165



62.4670, -1.2162, 63.6114



65.0750, -20.2500, 55.1852

# Triad

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



62.4670, -1.2162, 63.6114



57.6420, -27.4315, -21.6110



63.5070, 37.7110, -55.6956

# Complementary

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



62.4670, -1.2162, 63.6114



98.5330, 1.2162, -63.6114

# 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.



63.8200, 26.2177, -55.9701



62.4670, -1.2162, 63.6114



54.7970, -5.8159, -48.0570

# Square

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



62.4670, -1.2162, 63.6114



65.5750, -32.3285, 9.1427



60.4170, 10.6404, -52.9857



58.0930, 42.3522, -50.9476



# Rectangle

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



62.4670, -1.2162, 63.6114



66.0830, -32.5789, 42.9002



60.4170, 10.6404, -52.9857



64.1110, 34.9483, -56.2253

# Sweetspot

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



62.4670, -1.2162, 63.6114



148.0400, -0.5127, 24.5209



60.5520, 36.7029, 34.5959



71.6860, -0.3382, 15.1844



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



62.4670, -1.2162, 63.6114



62.2850, -1.6195, 99.7281



70.3310, -21.8552, 56.7147



62.0220, -0.0108, 3.4887



43.5440, -1.2542, 75.8219



1.0110, -0.0054, 1.7444



# Inverse Universe

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



62.4670, -1.2162, 63.6114



62.2850, -1.6195, 99.7281



90.6690, 21.8552, -56.7147



62.0220, -0.0108, 3.4887



43.5440, -1.2542, 75.8219

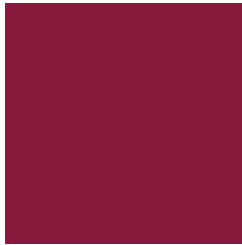


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 62.4670, -1.2162, 63.6114 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

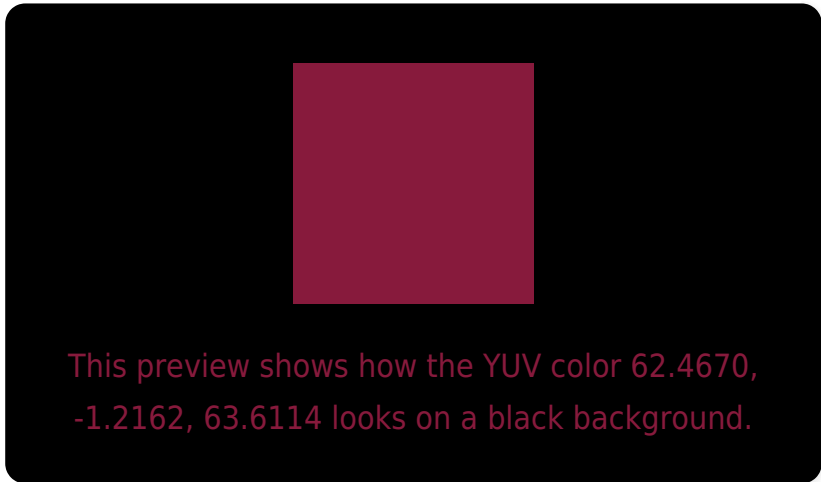
Any Text WCAG AA ✓ Pass

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

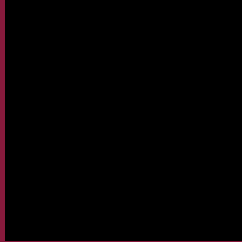
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.4670, -1.2162, 63.6114

## Background



This preview shows how black text looks on a background with the YUV color 62.4670, -1.2162, 63.6114.



This preview shows how white text looks on a background with the YUV color 62.4670, -1.2162,



# 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

62.4670, -1.2162, 63.6114

### Protanopia

72.5420, 4.6628, -2.2293

### Deuteranopia

72.1880, -8.4737, 11.2361



## Tritanopia

63.3130, -14.4513, 61.9925

# Trichromacy



## Original Color

62.4670, -1.2162, 63.6114

## Protanomaly

68.8270, 2.5503, 22.0767

## Deuteranomaly

68.4060, -5.6232, 30.3389

## Tritanomaly

62.5780, -9.6520, 62.6371

# Monochromacy



## Original Color

62.4670, -1.2162, 63.6114

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.3280, -0.6547, 23.3913

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.4670, -1.2162, 63.6114 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(135, 26, 60)` looks like.

```
.text, #text, p{  
    color:rgb(135, 26, 60)  
}
```

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(135, 26, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 26, 60) }
```

## Border

The CSS property to change the border of an element to YUV 62.4670, -1.2162, 63.6114 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(135, 26, 60) }
```



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

```
.border{ border-color:rgb(135, 26, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 26, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 26, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 26, 60);  
box-shadow:4px 4px 4px 4px rgb(135, 26,  
60) }
```

# Background

The CSS property to change the background color of an element to YUV 62.4670, -1.2162, 63.6114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 26, 60) }
```

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

```
.background{ background-color: rgb(135, 26,  
60) }
```

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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