

Converting Colors

YUV(67.1770, 5.3357, 62.1118)

Have a look what the booklet for
YUV(67.1770, 5.3357, 62.1118)
contains.

YUV(67.1770, 5.3357, 62.1118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.1770, 5.3357,
62.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	8A1D4E
RGB	138, 29, 78
RGB Percent	54%, 11%, 31%
CMY	0.4588, 0.8863, 0.6941
CMYK	0.00, 0.79, 0.43, 0.46
HSL	333°, 65%, 33%
HSV	333°, 79%, 54%
XYZ	12.2957, 6.8321, 7.8784
YIQ	67.1770, 49.2350, 38.3470

Conversions

Conversions Part 2

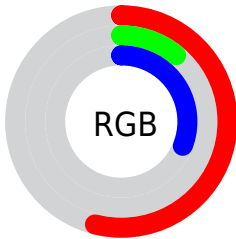
Format	Color
R_{YB}	138, 29, 78
Decimal	9051470
CIE _{Lab}	31.42, 48.47, -1.58
CIE _{LCh}	31, 48.499, 358.134
Yxy	6.8321, 0.4553, 0.2530
Android (android.graphics.Color)	4287241550 (0xFF8A1D4E)
YUV	67.1770, 5.3357, 62.1118
Hunter-Lab	26.1382, 38.2268, 0.4260

Details

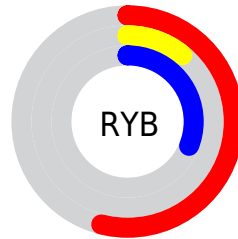
The YUV color **67.1770, 5.3357, 62.1118** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **99.8230, -5.3357, -62.1118**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6780, 2.1307, 63.4264**, and **28.6930, 2.6164, 47.6272** is the 20% darker color. If you saturate the color by 10%, you get **58.0470, 5.8928, 70.1188**, and if you desaturate by 10%, it is **76.3070, 4.7786, 54.1048**.

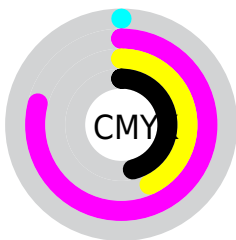
Distribution



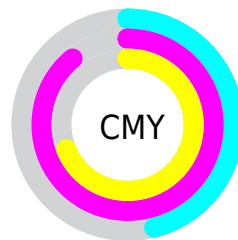
- Red (54%)
- Green (11%)
- Blue (31%)



- Red (54%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (79%)
- Yellow (43%)
- Black (46%)



- Cyan (46%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1770, 5.3357, 62.1118 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 67.1770, 5.3357, 62.1118 by changing the saturation by 10% instead.

67.1770, 5.3357,
62.1118

67.1770, 5.3357,
62.1118

255.0000, 0.0000,
0.0000

39.1600, 7.8091,
62.1267

122.6780, 2.1307,
63.4264

28.6930, 2.6164,
47.6272

149.8740, 1.5411,
65.8855

18.5960, -3.7448,
34.5573

177.6570, 0.6621,
67.8298

7.2900, -3.1010,
14.6547

197.2850, 4.7895,
50.6161

0.0000, 0.0000,
0.0000

216.9130, 8.9169,
33.4023

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

67.1770, 5.3357,
62.1118

67.1770, 5.3357,
62.1118

58.0470, 5.8928,
70.1188

76.3070, 4.7786,
54.1048

49.0310, 6.8867,
78.0258

85.3230, 3.7848,
46.1977

48.3300, 6.7393,
78.6406

93.8660, 3.5171,
38.7055

102.8820, 2.5232,
30.7985

112.0120, 1.9661,
22.7915

■ 121.1420, 1.4090,
14.7845

■ 130.1580, 0.4151,
6.8774

■ 138.7010, 0.1474,
-0.6148

■ 147.7170, -0.8465,
-8.5218

Harmonies

Analogous

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



74.2090, 20.1100, 36.6507



67.1770, 5.3357, 62.1118



67.0680, -12.8515, 62.2074

Triad

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



67.1770, 5.3357, 62.1118



64.5790, -31.8374, -8.4008



67.3880, 34.8117, -59.0993

Complementary

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



67.1770, 5.3357, 62.1118



99.8230, -5.3357, -62.1118

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.



65.8430, 21.2764, -57.7443



67.1770, 5.3357, 62.1118



55.1900, -11.9257, -48.4016

Square

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



67.1770, 5.3357, 62.1118



70.0710, -34.5450, 20.1087



60.8100, 4.5307, -53.3304



63.5870, 43.0946, -55.7658

Rectangle

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



67.1770, 5.3357, 62.1118



68.8590, -26.0595, 51.8667



60.8100, 4.5307, -53.3304



67.0630, 31.0279, -58.8143

Sweetspot

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



67.1770, 5.3357, 62.1118



151.0230, 1.9607, 24.5358



59.3660, 38.7666, 25.9890



72.1420, 1.4090, 14.7845



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.



67.1770, 5.3357, 62.1118



68.4940, 8.1375, 96.9138



64.5260, -17.5143, 64.4367



64.4350, 0.2785, 4.0035



46.6070, 6.6027, 75.7667



1.7230, 0.1366, 2.8739

Inverse Universe

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



67.1770, 5.3357, 62.1118



68.4940, 8.1375, 96.9138



102.4740, 17.5143, -64.4367



64.4350, 0.2785, 4.0035



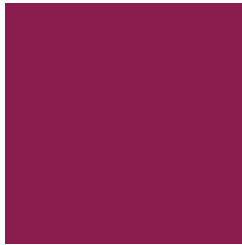
46.6070, 6.6027, 75.7667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 67.1770, 5.3357, 62.1118 looks on a white background.

Color Contrast Check

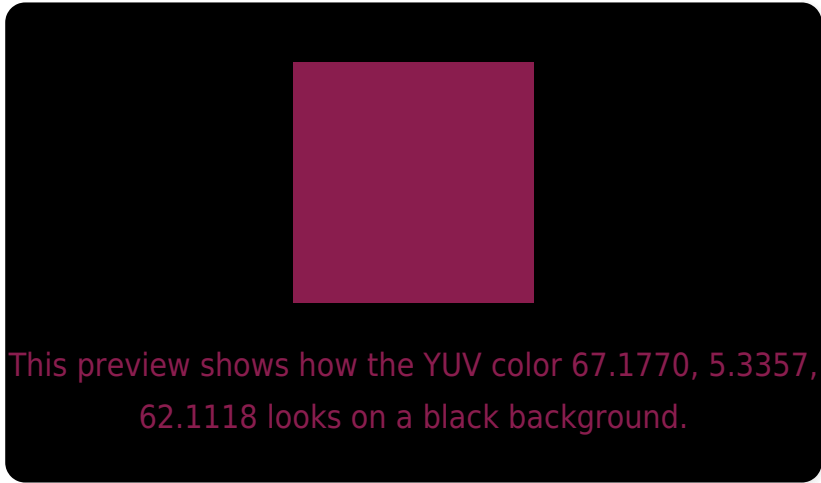
Large Text (above 18pt) WCAG AA ✓ Pass

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

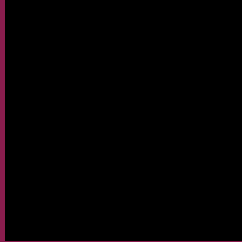
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1770, 5.3357, 62.1118

Background



This preview shows how black text looks on a background with the YUV color 67.1770, 5.3357, 62.1118.



This preview shows how white text looks on a background with the YUV color 67.1770, 5.3357,

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

67.1770, 5.3357, 62.1118

Protanopia

75.1420, 14.7200, -8.0175

Deuteranopia

76.2890, -1.6215, 6.7625



Tritanopia

68.9320, -13.2775, 58.8186

Trichromacy



Original Color

67.1770, 5.3357, 62.1118

Protanomaly

72.3840, 11.1497, 17.2032

Deuteranomaly

73.1050, 0.9342, 27.0949

Tritanomaly

68.3650, -6.5889, 60.1929

Monochromacy



Original Color

67.1770, 5.3357, 62.1118

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0120, 1.9661, 22.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1770, 5.3357, 62.1118 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(138, 29, 78)` looks like.

```
.text, #text, p{  
    color:rgb(138, 29, 78)  
}
```

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(138, 29, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 29, 78) }
```

Border

The CSS property to change the border of an element to YUV 67.1770, 5.3357, 62.1118 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(138, 29, 78) }
```


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

```
.border{ border-color:rgb(138, 29, 78) }
```

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

Here you see how a box with a 4 pixel rgb(138, 29, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 29, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 29, 78);  
box-shadow:4px 4px 4px 4px rgb(138, 29,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 67.1770, 5.3357, 62.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 29, 78) }
```

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

```
.background{ background-color: rgb(138, 29,  
78) }
```

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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