

Converting Colors

YUV(67.4680, 14.0663, 61.8566)

Have a look what the booklet for
YUV(67.4680, 14.0663, 61.8566)
contains.

YUV(67.4680, 14.0663, 61.8566)	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(67.4680, 14.0663,
61.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	8A1A60
RGB	138, 26, 96
RGB Percent	54%, 10%, 38%
CMY	0.4588, 0.8980, 0.6235
CMYK	0.00, 0.81, 0.30, 0.46
HSL	322°, 68%, 32%
HSV	322°, 81%, 54%
XYZ	12.9619, 6.9866, 11.7317
YIQ	67.4680, 44.2820, 45.5140

Conversions

Conversions Part 2

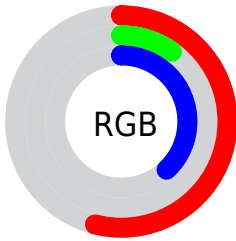
Format	Color
R_{YB}	138, 26, 96
Decimal	9050720
CIE _{Lab}	31.78, 51.43, -12.80
CIE _{LCh}	32, 52.999, 346.028
Yxy	6.9866, 0.4091, 0.2205
Android (android.graphics.Color)	4287240800 (0xFF8A1A60)
YUV	67.4680, 14.0663, 61.8566
Hunter-Lab	26.4322, 41.2775, -7.8129

Details

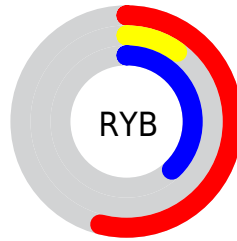
The YUV color **67.4680, 14.0663, 61.8566** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **96.5320, -14.0663, -61.8566**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3710, 11.1561, 61.9416**, and **30.5170, 9.6051, 46.0276** is the 20% darker color. If you saturate the color by 10%, you get **58.6800, 15.9338, 69.5636**, and if you desaturate by 10%, it is **76.2560, 12.1988, 54.1495**.

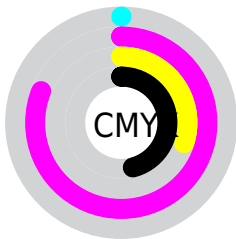
Distribution



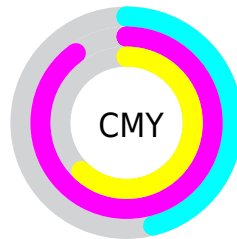
- Red (54%)
- Green (10%)
- Blue (38%)



- Red (54%)
- Yellow (10%)
- Blue (38%)



- Cyan (0%)
- Magenta (81%)
- Yellow (30%)
- Black (46%)



- Cyan (46%)
- Magenta (90%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4680, 14.0663, 61.8566 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 67.4680, 14.0663, 61.8566 by changing the saturation by 10% instead.

67.4680, 14.0663,
61.8566

67.4680, 14.0663,
61.8566

255.0000, 0.0000,
0.0000

41.0980, 15.2347,
60.4271

124.3710, 11.1561,
61.9416

30.5170, 9.6051,
46.0276

151.2680, 10.7139,
63.7860

20.9470, 3.9701,
33.3725

179.8660, 10.4191,
65.0155

9.0840, -3.9854,
18.3433

199.2060, 14.6884,
48.9313

0.0000, 0.0000,
0.0000

219.1930, 17.6529,
31.4027

235.6290, 9.5499,

16.9884

253.2390, 0.8682,
1.5444

67.4680, 14.0663,
61.8566

67.4680, 14.0663,
61.8566

58.6800, 15.9338,
69.5636

76.2560, 12.1988,
54.1495

51.0660, 17.2225,
76.2411

85.0440, 10.3313,
46.4424

93.3590, 9.1900,
39.1502

102.1470, 7.3225,
31.4431

110.9350, 5.4550,
23.7360

■ 119.7230, 3.5876,
16.0289

■ 128.5110, 1.7201,
8.3219

■ 136.7120, 0.1420,
1.1296

■ 145.6140, -1.2887,
-6.6775

Harmonies

Analogous

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



75.8960, 28.1523, 23.7702



67.4680, 14.0663, 61.8566



62.8380, -3.8641, 72.9331

Triad

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



67.4680, 14.0663, 61.8566



68.1890, -33.6172, 2.4652



68.6930, 32.1964, -60.2438

Complementary

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



67.4680, 14.0663, 61.8566



96.5320, -14.0663, -61.8566

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.



65.6490, 15.4560, -57.5742



67.4680, 14.0663, 61.8566



54.6180, -24.4617, -40.8840

Square

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



67.4680, 14.0663, 61.8566



71.0340, -35.0198, 32.4192



59.4590, -3.1843, -52.1455



67.6790, 43.5423, -59.3545

Rectangle

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



67.4680, 14.0663, 61.8566



66.7710, -19.1141, 64.2218



59.4590, -3.1843, -52.1455



68.0260, 27.1022, -59.6588

Sweetspot

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



67.4680, 14.0663, 61.8566



151.8210, 5.0182, 23.8360



51.0270, 42.8777, 14.0083



72.7120, 3.5930, 14.2846



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.



67.4680, 14.0663, 61.8566



69.4520, 21.9622, 96.0736



61.1980, -9.9576, 67.3554



64.5490, 0.7153, 3.9035



49.2290, 16.6491, 73.4672



1.8370, 0.5734, 2.7740

Inverse Universe

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



67.4680, 14.0663, 61.8566



69.4520, 21.9622, 96.0736



102.8020, 9.9576, -67.3554



64.5490, 0.7153, 3.9035



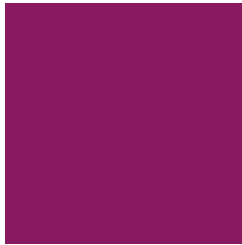
49.2290, 16.6491, 73.4672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 67.4680, 14.0663, 61.8566 looks on a white background.

Color Contrast Check

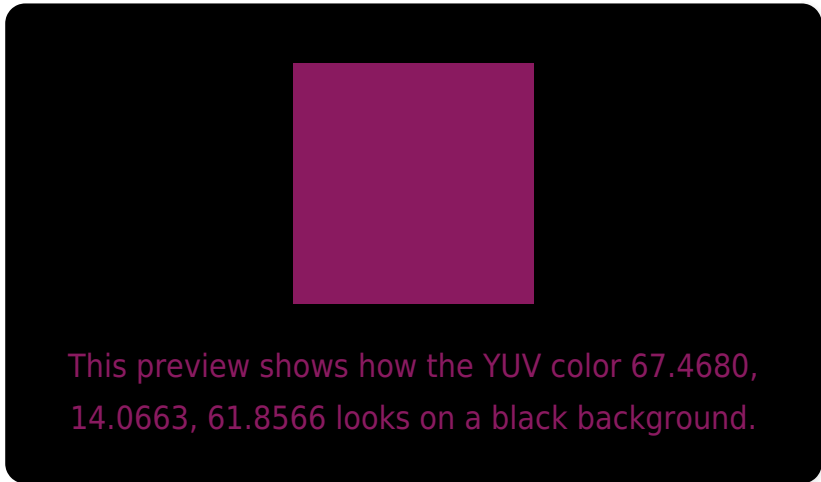
Large Text (above 18pt) WCAG AA ✓ Pass

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

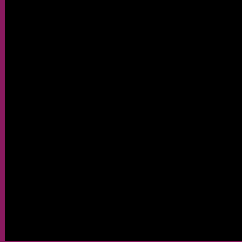
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4680, 14.0663, 61.8566

Background



This preview shows how black text looks on a background with the YUV color 67.4680, 14.0663, 61.8566.



This preview shows how white text looks on a background with the YUV color 67.4680, 14.0663,

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

67.4680, 14.0663, 61.8566

Protanopia

74.5070, 27.8510, -19.7386

Deuteranopia

77.3080, 6.2572, -0.2701



Tritanopia

71.1380, -12.3930, 55.1300

Trichromacy



Original Color

67.4680, 14.0663, 61.8566

Protanomaly

71.7280, 22.8121, 9.8855

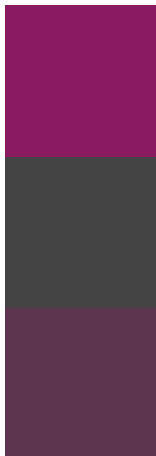
Deuteranomaly

73.5480, 9.0968, 22.3214

Tritanomaly

69.3800, -2.6523, 57.5487

Monochromacy



Original Color

67.4680, 14.0663, 61.8566

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2230, 5.3131, 22.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4680, 14.0663, 61.8566 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, 26, 96)` looks like.

```
.text, #text, p{  
    color:rgb(138, 26, 96)  
}
```

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, 26, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 26, 96) }
```

Border

The CSS property to change the border of an element to YUV 67.4680, 14.0663, 61.8566 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, 26, 96) }
```


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

```
.border{ border-color:rgb(138, 26, 96) }
```

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

Here you see how a box with a 4 pixel rgb(138, 26, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 26, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 26, 96);  
box-shadow:4px 4px 4px 4px rgb(138, 26,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 67.4680, 14.0663, 61.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 26, 96) }
```

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

```
.background{ background-color: rgb(138, 26,  
96) }
```

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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