

Converting Colors

YUV(67.9860, 1.4859, 36.8463)

Have a look what the booklet for
YUV(67.9860, 1.4859, 36.8463)
contains.

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Color

**YUV(67.9860, 1.4859,
36.8463)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E2E47 |
| RGB | 110, 46, 71 |
| RGB Percent | 43%, 18%, 28% |
| CMY | 0.5686, 0.8196, 0.7216 |
| CMYK | 0.00, 0.58, 0.35, 0.57 |
| HSL | 337°, 41%, 31% |
| HSV | 337°, 58%, 43% |
| XYZ | 8.5447, 5.7239, 6.6157 |
| YIQ | 67.9860, 30.1190, 21.3430 |

Conversions

Conversions Part 2

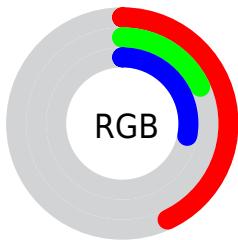
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 110, 46, 71 |
| Decimal | 7220807 |
| CIE _{Lab} | 28.70, 31.29, -1.55 |
| CIE _{LCh} | 29, 31.332, 357.166 |
| Yxy | 5.7239, 0.4091, 0.2741 |
| Android (android.graphics.Color) | 4285410887 (0xFF6E2E47) |
| YUV | 67.9860, 1.4859, 36.8463 |
| Hunter-Lab | 23.9247, 21.8832, 0.3523 |

Details

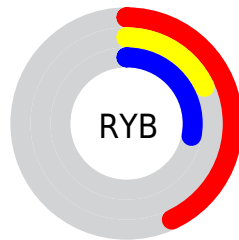
The YUV color **67.9860, 1.4859, 36.8463** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.0140, -1.4859, -36.8463**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3670, 0.3121, 40.0201**, and **20.8330, 3.5333, 33.4725** is the 20% darker color. If you saturate the color by 10%, you get **60.7310, 1.6116, 43.2089**, and if you desaturate by 10%, it is **75.2410, 1.3602, 30.4836**.

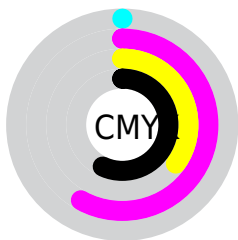
Distribution



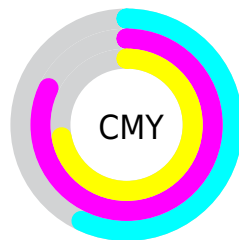
- Red (43%)
- Green (18%)
- Blue (28%)



- Red (43%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9860, 1.4859, 36.8463 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 67.9860, 1.4859, 36.8463 by changing the saturation by 10% instead.

67.9860, 1.4859,
36.8463

67.9860, 1.4859,
36.8463

255.0000, 0.0000,
0.0000

43.6160, 2.6543,
35.4168

118.3670, 0.3121,
40.0201

20.8330, 3.5333,
33.4725

144.3780, 0.3066,
41.7645

11.7750, -5.3121,
23.8763

171.5630, -0.2776,
42.4792

0.0000, 0.0000,
0.0000

199.2750, -0.1356,
43.6088

220.1100, 3.3968,
30.5985

240.3250, 7.2348,

12.8700

■ 67.9860, 1.4859,
36.8463

■ 67.9860, 1.4859,
36.8463

■ 60.7310, 1.6116,
43.2089

■ 75.2410, 1.3602,
30.4836

■ 53.5900, 2.1741,
49.4716

■ 82.3820, 0.7977,
24.2210

■ 46.3350, 2.2998,
55.8342

■ 89.6370, 0.6720,
17.8584

■ 39.0800, 2.4256,
62.1968

■ 96.8920, 0.5462,
11.4957

■ 37.7920, 2.5675,
63.3264

■ 104.1470, 0.4205,
5.1331

■ 111.2880, -0.1420,
-1.1296

■ 118.5430, -0.2677,
-7.4922

■ 125.7980, -0.3934,
-13.8548

■ 132.9390, -0.9559,
-20.1175

Harmonies

Analogous

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



69.6450, 12.0070, 22.2363



67.9860, 1.4859, 36.8463



66.7230, -9.7234, 38.8309

Triad

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



67.9860, 1.4859, 36.8463



63.0000, -20.2130, -3.5080



57.5110, 24.8911, -50.4371

Complementary

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



67.9860, 1.4859, 36.8463



88.0140, -1.4859, -36.8463

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.



56.5190, 16.0131, -49.5672



67.9860, 1.4859, 36.8463



57.8320, -8.7912, -27.0397

Square

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



67.9860, 1.4859, 36.8463



65.3830, -24.3458, 15.4501



53.7830, 5.5300, -47.1677



54.9010, 30.1218, -48.1482

Rectangle

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



67.9860, 1.4859, 36.8463



66.5670, -16.5485, 34.5827



53.7830, 5.5300, -47.1677



57.5280, 22.4177, -50.4521

Sweetspot

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



67.9860, 1.4859, 36.8463



127.2020, 0.3934, 13.8548



64.6580, 22.3536, 16.9629



61.8700, 0.5571, 8.0070



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.9860, 1.4859, 36.8463



77.3460, 2.2944, 57.5786



68.6580, -11.1704, 36.2569



52.1360, 0.4260, 3.3887



41.2380, 2.8407, 69.0743



84.9110, 5.9599, 142.1521

Inverse Universe

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



67.9860, 1.4859, 36.8463



77.3460, 2.2944, 57.5786



87.3420, 11.1704, -36.2569



52.1360, 0.4260, 3.3887



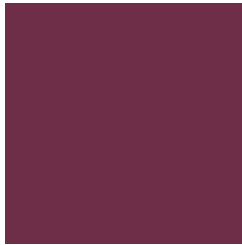
41.2380, 2.8407, 69.0743



84.9110, 5.9599, 142.1521

Previews

White Background



This preview shows how the YUV color 67.9860, 1.4859, 36.8463 looks on a white background.

Color Contrast Check

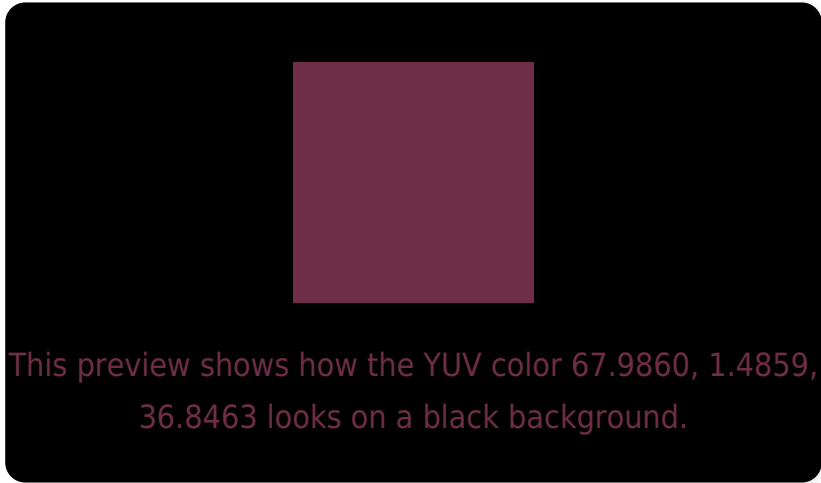
Large Text (above 18pt) WCAG AA ✓ Pass

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

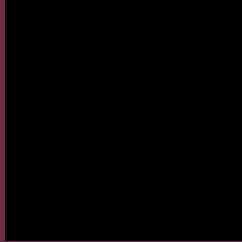
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9860, 1.4859, 36.8463

Background



This preview shows how black text looks on a background with the YUV color 67.9860, 1.4859, 36.8463.



This preview shows how white text looks on a background with the YUV color 67.9860, 1.4859,

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

67.9860, 1.4859, 36.8463

Protanopia

69.0410, 7.8678, -3.5440

Deuteranopia

68.9190, -0.4531, 5.3330



Tritanopia

67.9830, -7.3866, 35.9719

Trichromacy



Original Color

67.9860, 1.4859, 36.8463

Protanomaly

68.5590, 5.6404, 10.9108

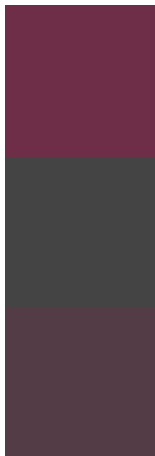
Deuteranomaly

68.8110, 0.0932, 16.8288

Tritanomaly

68.1940, -4.0396, 35.7869

Monochromacy



Original Color

67.9860, 1.4859, 36.8463

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9860, 1.4859, 36.8463 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(110, 46, 71)` looks like.

```
.text, #text, p{  
    color:rgb(110, 46, 71)  
}
```

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(110, 46, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 46, 71) }
```

Border

The CSS property to change the border of an element to YUV 67.9860, 1.4859, 36.8463 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(110, 46, 71) }
```


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

```
.border{ border-color:rgb(110, 46, 71) }
```

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

Here you see how a box with a 4 pixel rgb(110, 46, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 46, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 46, 71);  
box-shadow:4px 4px 4px 4px rgb(110, 46,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 67.9860, 1.4859, 36.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 46, 71) }
```

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

```
.background{ background-color: rgb(110, 46,  
71) }
```

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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