

Converting Colors

YUV(68.4470, 2.2446, 26.7950)

Have a look what the booklet for
YUV(68.4470, 2.2446, 26.7950)
contains.

YUV(68.4470, 2.2446, 26.7950)	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(68.4470, 2.2446,
26.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	633449
RGB	99, 52, 73
RGB Percent	39%, 20%, 29%
CMY	0.6118, 0.7961, 0.7137
CMYK	0.00, 0.47, 0.26, 0.61
HSL	333°, 31%, 30%
HSV	333°, 47%, 39%
XYZ	7.5762, 5.5897, 6.9829
YIQ	68.4470, 21.2710, 16.4950

Conversions

Conversions Part 2

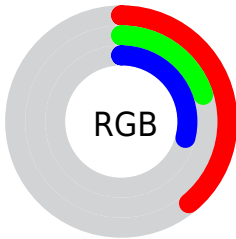
Format	Color
R_{YB}	99, 52, 73
Decimal	6501449
CIE _{Lab}	28.35, 24.01, -3.58
CIE _{LCh}	28, 24.273, 351.507
Yxy	5.5897, 0.3760, 0.2774
Android (android.graphics.Color)	4284691529 (0xFF633449)
YUV	68.4470, 2.2446, 26.7950
Hunter-Lab	23.6425, 15.8256, -0.9619




Details

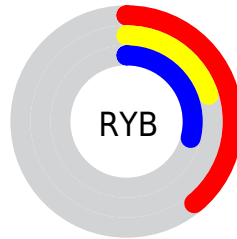
The YUV color **68.4470, 2.2446, 26.7950** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.5530, -2.2446, -26.7950**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.7570, 2.0918, 29.1541**, and **22.4790, 3.7079, 24.1359** is the 20% darker color. If you saturate the color by 10%, you get **62.0070, 2.9545, 32.4429**, and if you desaturate by 10%, it is **74.8870, 1.5347, 21.1471**.

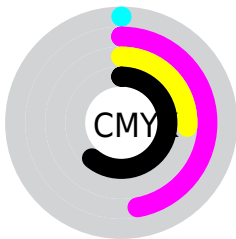
Distribution







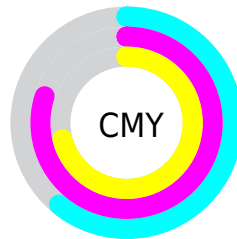
-  Red (39%)
-  Green (20%)
-  Blue (29%)






-  Red (39%)
-  Yellow (20%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (26%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (80%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4470, 2.2446, 26.7950 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 68.4470, 2.2446, 26.7950 by changing the saturation by 10% instead.

68.4470, 2.2446,
26.7950

68.4470, 2.2446,
26.7950

255.0000, 0.0000,
0.0000

44.9630, 2.9762,
25.4654

117.7570, 2.0918,
29.1541

22.4790, 3.7079,
24.1359

143.3550, 1.7970,
30.3837

9.3120, -3.1118,
18.1434

170.0670, 1.9390,
31.5132

0.0000, 0.0000,
0.0000

197.6650, 1.6442,
32.7428

223.2730, 2.8234,
27.8246

242.6730, 6.0772,

10.8108

■ 68.4470, 2.2446,
26.7950

■ 68.4470, 2.2446,
26.7950

■ 62.0070, 2.9545,
32.4429

■ 74.8870, 1.5347,
21.1471

■ 55.4530, 3.2277,
38.1907

■ 81.4410, 1.2616,
15.3992

■ 49.0130, 3.9376,
43.8386

■ 87.8810, 0.5517,
9.7514

■ 42.4590, 4.2107,
49.5865

■ 94.4350, 0.2785,
4.0035

■ 36.6060, 4.6312,
54.7195

■ 100.8750, -0.4314,
-1.6444

■ 34.6170, 4.6258,
56.4639

■ 106.8420, -0.4151,
-6.8774

■ 113.2820, -1.1250,
-12.5253

■ 119.8360, -1.3981,
-18.2732

■ 126.2760, -2.1081,
-23.9211

Harmonies

Analogous

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



69.1340, 10.2869, 13.9145



68.4470, 2.2446, 26.7950



67.1780, -6.4968, 30.5389

Triad

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



68.4470, 2.2446, 26.7950



64.0590, -16.2981, 0.8253



54.9690, 20.2283, -48.2078

Complementary

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



68.4470, 2.2446, 26.7950



82.5530, -2.2446, -26.7950

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.



53.7320, 12.9501, -47.1230



68.4470, 2.2446, 26.7950



61.1970, -8.9711, -15.9588

Square

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



68.4470, 2.2446, 26.7950



65.6910, -18.0887, 15.1800



54.5560, 3.1769, -39.0756



59.5240, 21.9267, -32.9085

Rectangle

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



68.4470, 2.2446, 26.7950



66.7880, -11.7275, 28.2499



54.5560, 3.1769, -39.0756



54.3990, 18.0443, -47.7079

Sweetspot

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



68.4470, 2.2446, 26.7950



116.2940, 0.8411, 10.2662



65.1320, 16.6969, 11.2852



56.8590, 0.5625, 6.2627



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



68.4470, 2.2446, 26.7950



80.4750, 3.2168, 41.6794



67.2270, -7.5069, 27.8649



45.4240, 0.2840, 2.2592



39.1880, 5.3303, 63.8561



83.9580, 11.3597, 136.8488

Inverse Universe

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



68.4470, 2.2446, 26.7950



80.4750, 3.2168, 41.6794



83.7730, 7.5069, -27.8649



45.4240, 0.2840, 2.2592



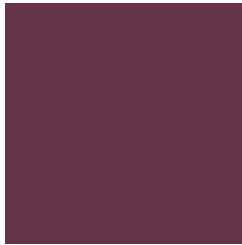
39.1880, 5.3303, 63.8561



83.9580, 11.3597, 136.8488

Previews

White Background



This preview shows how the YUV color 68.4470, 2.2446, 26.7950 looks on a white background.

Color Contrast Check

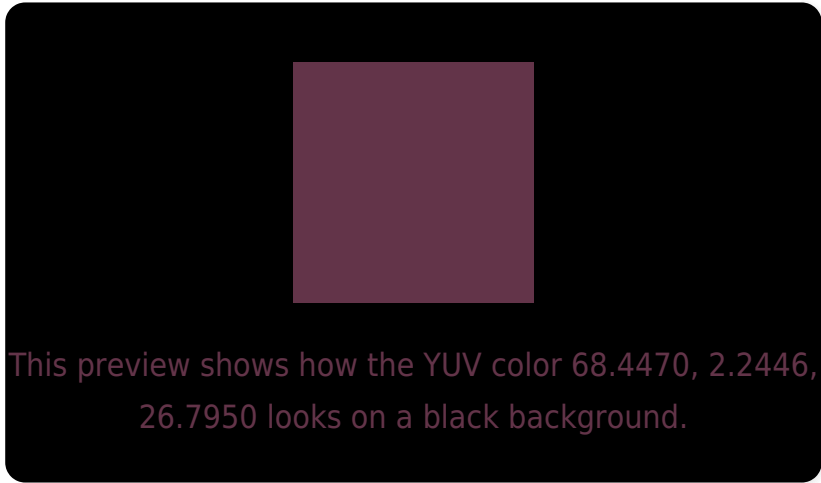
Large Text (above 18pt) WCAG AA ✓ Pass

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

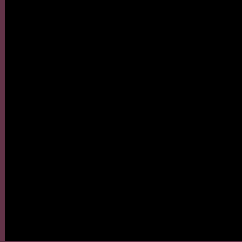
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4470, 2.2446, 26.7950

Background



This preview shows how black text looks on a background with the YUV color 68.4470, 2.2446, 26.7950.



This preview shows how white text looks on a background with the YUV color 68.4470, 2.2446, 26.7950.

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

68.4470, 2.2446, 26.7950

Protanopia

67.9270, 7.4310, -3.4440

Deuteranopia

67.7770, 1.5889, 3.7036



Tritanopia

68.3130, -4.5913, 26.0355

Trichromacy



Original Color

68.4470, 2.2446, 26.7950

Protanomaly

68.4230, 5.2145, 7.5220

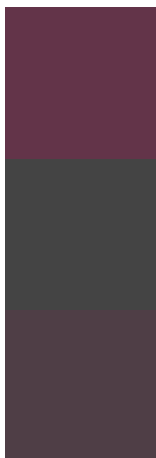
Deuteranomaly

67.9460, 1.9986, 12.3254

Tritanomaly

68.2960, -2.1179, 26.0504

Monochromacy



Original Color

68.4470, 2.2446, 26.7950

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9950, 0.9885, 9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4470, 2.2446, 26.7950 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(99, 52, 73)` looks like.

```
.text, #text, p{  
    color:rgb(99, 52, 73)  
}
```

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(99, 52, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 52, 73) }
```

Border

The CSS property to change the border of an element to YUV 68.4470, 2.2446, 26.7950 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(99, 52, 73) }
```


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

```
.border{ border-color:rgb(99, 52, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 52, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 52, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 52, 73);  
box-shadow:4px 4px 4px 4px rgb(99, 52, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.4470, 2.2446, 26.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 52, 73) }
```

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

```
.background{ background-color: rgb(99, 52,  
73) }
```

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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