

Converting Colors

YUV(68.3450, 17.0849, 26.8844)

Have a look what the booklet for
YUV(68.3450, 17.0849, 26.8844)
contains.

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Color

**YUV(68.3450, 17.0849,
26.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	632E67
RGB	99, 46, 103
RGB Percent	39%, 18%, 40%
CMY	0.6118, 0.8196, 0.5961
CMYK	0.04, 0.55, 0.00, 0.60
HSL	296°, 38%, 29%
HSV	296°, 55%, 40%
XYZ	8.5708, 5.5859, 13.4584
YIQ	68.3450, 13.2910, 28.9630

Conversions

Conversions Part 2

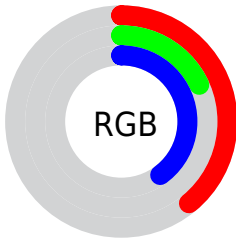
Format	Color
R_{YB}	99, 46, 103
Decimal	6499943
CIE _{Lab}	28.34, 33.08, -23.17
CIE _{LCh}	28, 40.391, 324.989
Yxy	5.5859, 0.3104, 0.2023
Android (android.graphics.Color)	4284690023 (0xFF632E67)
YUV	68.3450, 17.0849, 26.8844
Hunter-Lab	23.6345, 23.3703, -17.2179

Details

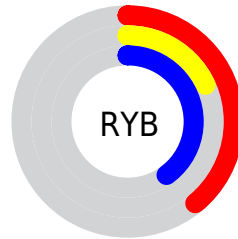
The YUV color $68.3450, 17.0849, 26.8844$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $80.6550, -17.0849, -26.8844$, and the grayscale version is $68.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $118.4700, 17.5163, 28.5288$, and $21.3340, 17.0903, 25.1401$ is the 20% darker color. If you saturate the color by 10%, you get $62.1760, 20.1262, 31.4176$, and if you desaturate by 10%, it is $74.5140, 14.0436, 22.3512$.

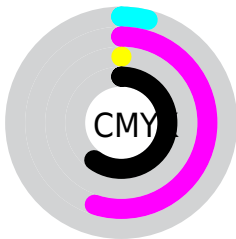
Distribution



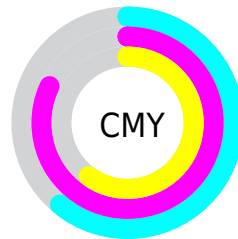
- Red (39%)
- Green (18%)
- Blue (40%)



- Red (39%)
- Yellow (18%)
- Blue (40%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3450, 17.0849, 26.8844 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 68.3450, 17.0849, 26.8844 by changing the saturation by 10% instead.

68.3450, 17.0849,
26.8844

68.3450, 17.0849,
26.8844

255.0000, 0.0000,
0.0000

44.0460, 17.2323,
26.2697

118.4700, 17.5163,
28.5288

21.3340, 17.0903,
25.1401

144.5950, 17.9477,
30.1732

12.8460, 10.4289,
15.0441

171.4210, 18.5264,
31.2028

0.7980, 3.0576,
-0.6998

198.8340, 18.8158,
31.7176

0.0000, 0.0000,
0.0000

223.3020, 15.6271,
27.7991

239.7380, 7.5242,

13.3848

■ 68.3450, 17.0849,
26.8844

■ 68.3450, 17.0849,
26.8844

■ 62.1760, 20.1262,
31.4176

■ 74.5140, 14.0436,
22.3512

■ 55.7190, 23.3095,
37.0804

■ 80.9710, 10.8603,
16.6884

■ 49.5500, 26.3509,
41.6136

■ 87.1400, 7.8190,
12.1552

■ 43.3810, 29.3922,
46.1469

■ 93.3090, 4.7777,
7.6220

■ 40.4460, 30.8391,
48.7209

■ 100.0650, 1.4470,
2.5740

■ 105.9350, -1.4470,
-2.5740

■ 112.1040, -4.4883,
-7.1072

■ 118.2730, -7.5296,
-11.6404

■ 125.0290,
-10.8603, -16.6884

Harmonies

Analogous

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



66.3880, 28.4027, -9.9873



68.3450, 17.0849, 26.8844



64.4480, 4.2161, 47.8421

Triad

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



68.3450, 17.0849, 26.8844



63.2820, -31.1980, 19.9237



58.0350, 16.7447, -50.8967

Complementary

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



68.3450, 17.0849, 26.8844



80.6550, -17.0849, -26.8844

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.



54.3870, 2.7672, -47.6974



68.3450, 17.0849, 26.8844



59.5950, -29.3803, -3.1528

Square

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



68.3450, 17.0849, 26.8844



63.8250, -24.5637, 38.7415



50.2880, -10.4950, -40.5946



59.8250, 28.6803, -52.4665

Rectangle

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



68.3450, 17.0849, 26.8844



63.0650, -4.9620, 51.6860



50.2880, -10.4950, -40.5946



56.8950, 12.3768, -49.8969

Sweetspot

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



68.3450, 17.0849, 26.8844



121.2000, 6.8034, 11.2256



55.4330, 23.4505, -8.2727



60.4830, 4.1989, 6.5924



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



68.3450, 17.0849, 26.8844



80.9630, 26.6402, 42.1284



66.8050, 6.0121, 31.7430



48.0650, 1.4470, 2.5740



45.1030, 34.4592, 54.2837



94.8630, 72.5385, 114.1301

Inverse Universe

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



63.4990, -6.6550, 34.6424



73.2950, -10.4984, 54.1153



82.1950, -6.0121, -31.7430



47.4950, -0.7370, 3.0739



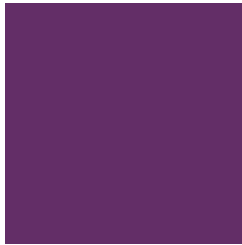
35.2970, -13.4574, 69.8995



74.2960, -28.2469, 147.0764

Previews

White Background



This preview shows how the YUV color 68.3450, 17.0849, 26.8844 looks on a white background.

Color Contrast Check

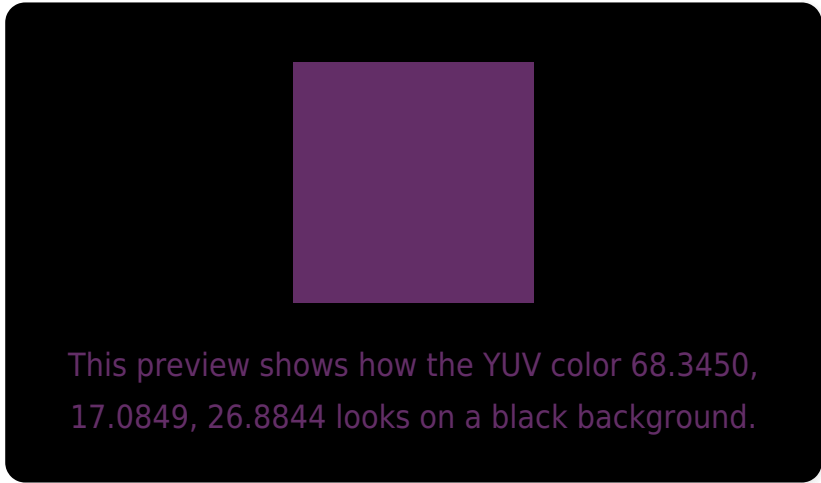
Large Text (above 18pt) WCAG AA ✓ Pass

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

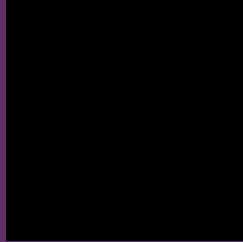
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3450, 17.0849, 26.8844

Background



This preview shows how black text looks on a background with the YUV color 68.3450, 17.0849, 26.8844.



This preview shows how white text looks on a background with the YUV color 68.3450, 17.0849,

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

68.3450, 17.0849, 26.8844

Protanopia

64.7950, 27.7091, -20.8682

Deuteranopia

66.7610, 15.8938, -11.1914



Tritanopia

68.5190, -3.7069, 22.3468

Trichromacy



Original Color

68.3450, 17.0849, 26.8844

Protanomaly

66.1670, 23.5817, -3.6545

Deuteranomaly

66.9630, 16.2872, 2.6634

Tritanomaly

68.4790, 3.7079, 24.1359

Monochromacy



Original Color

68.3450, 17.0849, 26.8844

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3450, 17.0849, 26.8844 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, 46, 103)` looks like.

```
.text, #text, p{  
    color:rgb(99, 46, 103)  
}
```

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, 46, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 46, 103) }
```

Border

The CSS property to change the border of an element to YUV 68.3450, 17.0849, 26.8844 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, 46, 103) }
```


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

```
.border{ border-color:rgb(99, 46, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 46, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 46, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 46, 103);  
box-shadow:4px 4px 4px 4px rgb(99, 46,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 68.3450, 17.0849, 26.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 46, 103) }
```

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

```
.background{ background-color: rgb(99, 46,  
103) }
```

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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