

Converting Colors

YUV(68.0250, -4.4493, 27.1651)

Have a look what the booklet for
YUV(68.0250, -4.4493, 27.1651)
contains.

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Color

**YUV(68.0250, -4.4493,
27.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	63363B
RGB	99, 54, 59
RGB Percent	39%, 21%, 23%
CMY	0.6118, 0.7882, 0.7686
CMYK	0.00, 0.45, 0.40, 0.61
HSL	353°, 29%, 30%
HSV	353°, 45%, 39%
XYZ	7.2542, 5.6067, 4.8375
YIQ	68.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

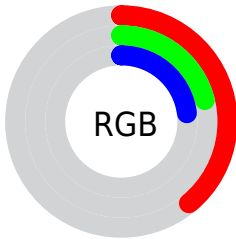
Format	Color
RYB	99, 54, 59
Decimal	6501947
CIELab	28.40, 20.72, 5.71
CIELCh	28, 21.493, 15.413
Yxy	5.6067, 0.4099, 0.3168
Android (android.graphics.Color)	4284692027 (0xFF63363B)
YUV	68.0250, -4.4493, 27.1651
Hunter-Lab	23.6786, 13.2478, 4.4620

Details

The YUV color **68.0250, -4.4493, 27.1651** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.9750, 4.4493, -27.1651**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4060, -5.6232, 30.3389**, and **22.7580, -2.8387, 23.8912** is the 20% darker color. If you saturate the color by 10%, you get **61.1290, -5.4866, 33.2129**, and if you desaturate by 10%, it is **74.9210, -3.4121, 21.1173**.

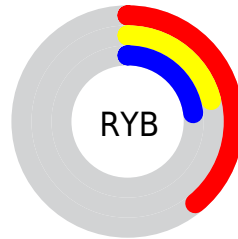
Distribution



Red (39%)

Green (21%)

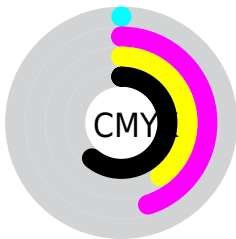
Blue (23%)



Red (39%)

Yellow (21%)

Blue (23%)

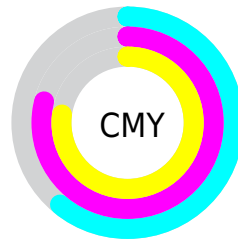


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (61%)



Cyan (61%)

Magenta (79%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0250, -4.4493, 27.1651 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 68.0250, -4.4493, 27.1651 by changing the saturation by 10% instead.

■ 68.0250, -4.4493,
27.1651

■ 68.0250, -4.4493,
27.1651

■ 255.0000, 0.0000,
0.0000

■ 45.1280, -4.0071,
25.3207

■ 117.4060, -5.6232,
30.3389

■ 22.7580, -2.8387,
23.8912

■ 143.0040, -5.9180,
31.5685

■ 8.1870, -3.5432,
16.4990

■ 169.6020, -6.2128,
32.7980

■ 0.0000, 0.0000,
0.0000

■ 197.2000, -6.5076,
34.0276

■ 222.5090, -5.1809,
28.4946

■ 242.1370, -1.0535,

11.2809

■ 68.0250, -4.4493,
27.1651

■ 68.0250, -4.4493,
27.1651

■ 61.1290, -5.4866,
33.2129

■ 74.9210, -3.4121,
21.1173

■ 54.2330, -6.5239,
39.2607

■ 81.8170, -2.3748,
15.0695

■ 47.4510, -7.1243,
45.2085

■ 88.5990, -1.7743,
9.1217

■ 40.5550, -8.1616,
51.2563

■ 95.4950, -0.7370,
3.0739

■ 33.6590, -9.1989,
57.3041

■ 102.3910, 0.3002,
-2.9739

■ 30.8550, -9.7885,
59.7632

■ 108.7000, 1.6269,
-8.5069

■ 115.5960, 2.6642,
-14.5547

■ 122.3780, 3.2646,
-20.5025

■ 129.2740, 4.3019,
-26.5503

Harmonies

Analogous

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



69.0550, 3.4239, 21.8768



68.0250, -4.4493, 27.1651



67.4670, -11.5692, 24.1464

Triad

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



68.0250, -4.4493, 27.1651



63.0020, -9.8610, -10.5258



60.4380, 19.0111, -31.0791

Complementary

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



68.0250, -4.4493, 27.1651



84.9750, 4.4493, -27.1651

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.



53.6980, 17.8969, -47.0931



68.0250, -4.4493, 27.1651



59.0090, -0.4974, -27.1949

Square

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



68.0250, -4.4493, 27.1651



65.0100, -15.2879, 3.4992



53.1620, 10.7661, -46.6231



66.7720, 15.8884, -9.4470

Rectangle

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



68.0250, -4.4493, 27.1651



66.6360, -14.6105, 19.6132



53.1620, 10.7661, -46.6231



56.6110, 19.9118, -40.0008

Sweetspot

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



68.0250, -4.4493, 27.1651



115.6100, -1.7797, 10.8660



71.0900, 13.7596, 20.0921



56.4030, -1.1847, 6.6626



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.



68.0250, -4.4493, 27.1651



79.1410, -6.9715, 42.8493



77.4340, -11.5530, 18.9134



45.1960, -0.5896, 2.4591



34.8560, -11.2680, 67.6553



74.8380, -23.5841, 144.8471

Inverse Universe

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



68.0250, -4.4493, 27.1651



79.1410, -6.9715, 42.8493



75.5660, 11.5530, -18.9134



45.1960, -0.5896, 2.4591



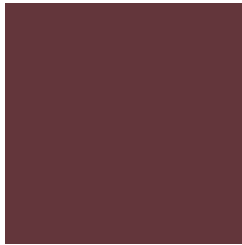
34.8560, -11.2680, 67.6553



74.8380, -23.5841, 144.8471

Previews

White Background



This preview shows how the YUV color 68.0250, -4.4493, 27.1651 looks on a white background.

Color Contrast Check

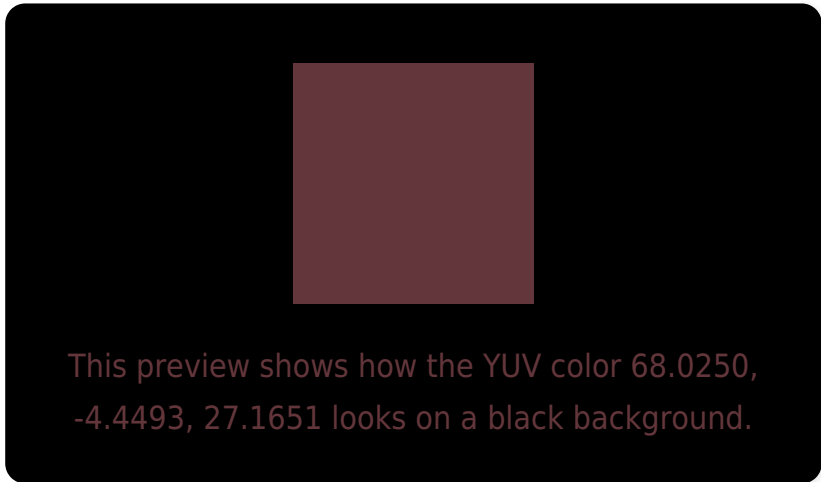
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.0250, -4.4493, 27.1651

Background



This preview shows how black text looks on a background with the YUV color 68.0250, -4.4493, 27.1651.

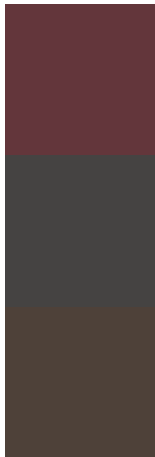


This preview shows how white text looks on a background with the YUV color 68.0250, -4.4493,

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

68.0250, -4.4493, 27.1651

Protanopia

67.4840, -0.7316, 1.3295

Deuteranopia

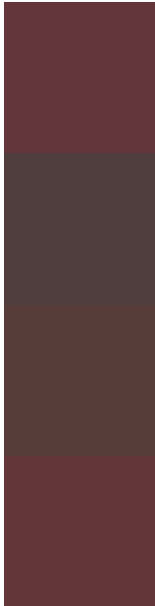
67.9750, -5.4107, 8.7919



Tritanopia

67.9110, -4.8861, 27.2651

Trichromacy



Original Color

68.0250, -4.4493, 27.1651

Protanomaly

67.4960, -2.2165, 10.9660

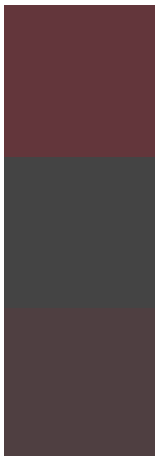
Deuteranomaly

68.1330, -4.9956, 15.6694

Tritanomaly

67.9110, -4.8861, 27.2651

Monochromacy



Original Color

68.0250, -4.4493, 27.1651

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0120, -1.4849, 9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0250, -4.4493, 27.1651 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, 54, 59)` looks like.

```
.text, #text, p{  
    color:rgb(99, 54, 59)  
}
```

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, 54, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 54, 59) }
```

Border

The CSS property to change the border of an element to YUV 68.0250, -4.4493, 27.1651 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, 54, 59) }
```


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

```
.border{ border-color:rgb(99, 54, 59) }
```

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

Here you see how a box with a 4 pixel rgb(99, 54, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 54, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 54, 59);  
box-shadow:4px 4px 4px 4px rgb(99, 54, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.0250, -4.4493, 27.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 54, 59) }
```

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

```
.background{ background-color: rgb(99, 54,  
59) }
```

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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