

Converting Colors

YUV(68.1760, -0.0868, 27.9096)

Have a look what the booklet for
YUV(68.1760, -0.0868, 27.9096)
contains.

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Color

**YUV(68.1760, -0.0868,
27.9096)**

Conversions

Conversions Part 1

Format	Color
Hex	643444
RGB	100, 52, 68
RGB Percent	39%, 20%, 27%
CMY	0.6078, 0.7961, 0.7333
CMYK	0.00, 0.48, 0.32, 0.61
HSL	340°, 32%, 30%
HSV	340°, 48%, 39%
XYZ	7.5269, 5.5827, 6.1497
YIQ	68.1760, 23.4720, 15.1520

Conversions

Conversions Part 2

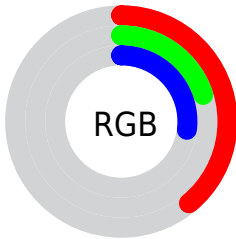
Format	Color
R_{YB}	100, 52, 68
Decimal	6566980
CIE Lab	28.33, 23.62, -0.30
CIE LCh	28, 23.622, 359.280
Yxy	5.5827, 0.3908, 0.2899
Android (android.graphics.Color)	4284757060 (0xFF643444)
YUV	68.1760, -0.0868, 27.9096
Hunter-Lab	23.6277, 15.5152, 1.1077

Details

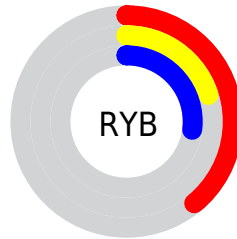
The YUV color **68.1760, -0.0868, 27.9096** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.8240, 0.0868, -27.9096**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.3720, -0.6764, 30.3688**, and **22.2080, 1.3765, 25.2506** is the 20% darker color. If you saturate the color by 10%, you get **61.5080, -0.2504, 33.7575**, and if you desaturate by 10%, it is **74.8440, 0.0769, 22.0618**.

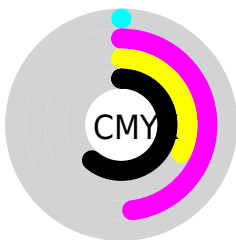
Distribution



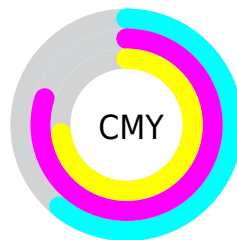
- Red (39%)
- Green (20%)
- Blue (27%)



- Red (39%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1760, -0.0868, 27.9096 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 68.1760, -0.0868, 27.9096 by changing the saturation by 10% instead.

■ 68.1760, -0.0868,
27.9096

■ 68.1760, -0.0868,
27.9096

■ 255.0000, 0.0000,
0.0000

■ 44.6920, 0.6448,
26.5801

■ 117.3720, -0.6764,
30.3688

■ 22.2080, 1.3765,
25.2506

■ 143.3830, -0.6818,
32.1131

■ 9.0840, -3.9854,
18.3433

■ 169.9810, -0.9766,
33.3427

■ 0.0000, 0.0000,
0.0000

■ 197.2800, -1.1240,
33.9574

■ 222.5890, 0.2026,
28.4244

■ 242.3310, 4.7668,

11.1107

■ 68.1760, -0.0868,
27.9096

■ 68.1760, -0.0868,
27.9096

■ 61.5080, -0.2504,
33.7575

■ 74.8440, 0.0769,
22.0618

■ 54.9540, 0.0227,
39.5053

■ 81.3980, -0.1962,
16.3140

■ 48.2860, -0.1410,
45.3532

■ 88.0660, -0.0325,
10.4661

■ 41.6180, -0.3047,
51.2010

■ 94.7340, 0.1311,
4.6183

■ 35.0640, -0.0316,
56.9489

■ 101.2880, -0.1420,
-1.1296

■ 33.6620, -0.3264,
58.1784

■ 107.9560, 0.0217,
-6.9774

■ 114.6240, 0.1854,
-12.8252

■ 121.1780, -0.0878,
-18.5731

■ 127.8460, 0.0759,
-24.4209

Harmonies

Analogous

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



69.2870, 8.2395, 17.2883



68.1760, -0.0868, 27.9096



67.5970, -8.6753, 29.2944

Triad

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



68.1760, -0.0868, 27.9096



63.4930, -14.5400, -3.0634



54.6100, 21.3913, -47.8930

Complementary

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



68.1760, -0.0868, 27.9096



83.8240, 0.0868, -27.9096

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.



54.1880, 14.6973, -47.5229



68.1760, -0.0868, 27.9096



60.5600, -6.1921, -20.6621

Square

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



68.1760, -0.0868, 27.9096



65.4840, -17.4936, 10.9765



52.1360, 6.8350, -45.7233



63.0090, 19.7156, -23.6869

Rectangle

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



68.1760, -0.0868, 27.9096



66.7230, -13.1744, 25.6759



52.1360, 6.8350, -45.7233



54.7410, 19.3547, -48.0079

Sweetspot

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



68.1760, -0.0868, 27.9096



118.0660, -0.0325, 10.4661



67.0400, 16.2493, 14.8739



58.7450, 0.1257, 6.3626



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



68.1760, -0.0868, 27.9096



80.2750, -0.1356, 43.6088



71.0480, -9.3907, 25.3909



47.7230, 0.1366, 2.8739



38.7170, -0.3535, 66.9002



81.5920, -0.2919, 140.6778

Inverse Universe

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



68.1760, -0.0868, 27.9096



80.2750, -0.1356, 43.6088



80.9520, 9.3907, -25.3909



47.7230, 0.1366, 2.8739



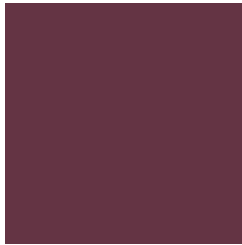
38.7170, -0.3535, 66.9002



81.5920, -0.2919, 140.6778

Previews

White Background



This preview shows how the YUV color 68.1760, -0.0868, 27.9096 looks on a white background.

Color Contrast Check

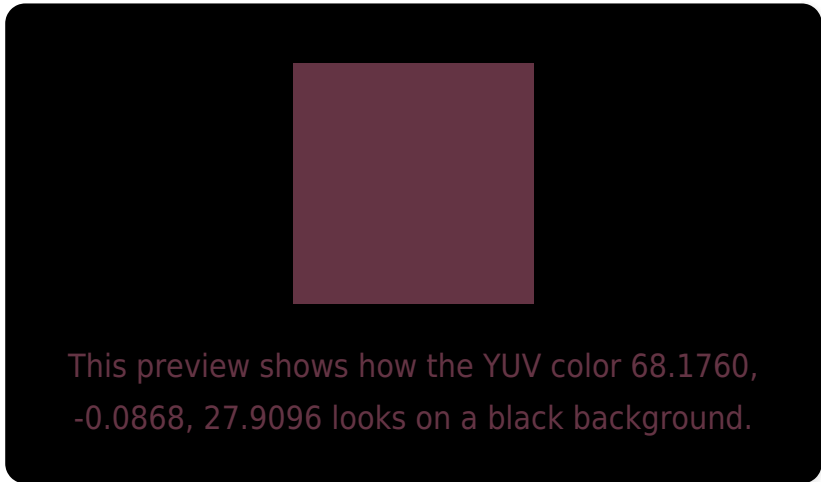
Large Text (above 18pt) WCAG AA ✓ Pass

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

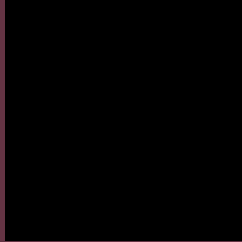
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1760, -0.0868, 27.9096

Background



This preview shows how black text looks on a background with the YUV color 68.1760, -0.0868, 27.9096.



This preview shows how white text looks on a background with the YUV color 68.1760, -0.0868,

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

68.1760, -0.0868, 27.9096

Protanopia

67.8410, 4.5154, -1.6146

Deuteranopia

67.8050, -0.8899, 5.4330



Tritanopia

67.9110, -4.8861, 27.2651

Trichromacy



Original Color

68.1760, -0.0868, 27.9096

Protanomaly

68.1520, 2.8831, 8.6367

Deuteranomaly

67.6750, -0.3328, 13.4400

Tritanomaly

67.7800, -2.8495, 27.3799

Monochromacy



Original Color

68.1760, -0.0868, 27.9096

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1760, -0.0868, 27.9096 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(100, 52, 68)` looks like.

```
.text, #text, p{  
    color:rgb(100, 52, 68)  
}
```

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(100, 52, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 52, 68) }
```

Border

The CSS property to change the border of an element to YUV 68.1760, -0.0868, 27.9096 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(100, 52, 68) }
```


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

```
.border{ border-color:rgb(100, 52, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 52, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 52, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 52, 68);  
box-shadow:4px 4px 4px 4px rgb(100, 52,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 68.1760, -0.0868, 27.9096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 52, 68) }
```

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

```
.background{ background-color: rgb(100, 52,  
68) }
```

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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