

Converting Colors

YUV(68.9310, 1.5130, 28.1245)

Have a look what the booklet for
YUV(68.9310, 1.5130, 28.1245)
contains.

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Color

**YUV(68.9310, 1.5130,
28.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	653448
RGB	101, 52, 72
RGB Percent	40%, 20%, 28%
CMY	0.6039, 0.7961, 0.7176
CMYK	0.00, 0.49, 0.29, 0.60
HSL	336°, 32%, 30%
HSV	336°, 49%, 40%
XYZ	7.7645, 5.6906, 6.8200
YIQ	68.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

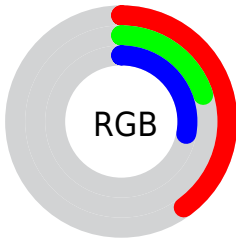
Format	Color
R_{YB}	101, 52, 72
Decimal	6632520
CIE Lab	28.62, 24.63, -2.50
CIE LCh	29, 24.759, 354.204
Yxy	5.6906, 0.3830, 0.2807
Android (android.graphics.Color)	4284822600 (0xFF653448)
YUV	68.9310, 1.5130, 28.1245
Hunter-Lab	23.8549, 16.3538, -0.2524

Details

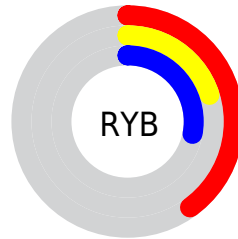
The YUV color **68.9310, 1.5130, 28.1245** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.0690, -1.5130, -28.1245**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1270, 0.9234, 30.5836**, and **22.9630, 2.9762, 25.4654** is the 20% darker color. If you saturate the color by 10%, you get **62.3770, 1.7861, 33.8724**, and if you desaturate by 10%, it is **75.4850, 1.2399, 22.3767**.

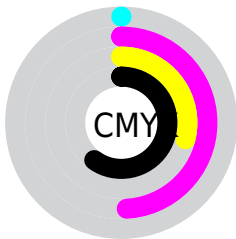
Distribution



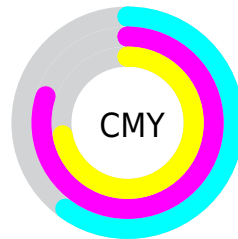
- Red (40%)
- Green (20%)
- Blue (28%)



- Red (40%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9310, 1.5130, 28.1245 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 68.9310, 1.5130, 28.1245 by changing the saturation by 10% instead.

68.9310, 1.5130,
28.1245

68.9310, 1.5130,
28.1245

255.0000, 0.0000,
0.0000

45.4470, 2.2446,
26.7950

118.1270, 0.9234,
30.5836

22.9630, 2.9762,
25.4654

144.1380, 0.9180,
32.3280

9.6820, -4.2802,
19.5729

170.8500, 1.0600,
33.4576

0.0000, 0.0000,
0.0000

198.1490, 0.9125,
34.0723

223.1590, 2.3866,
27.9246

243.2600, 5.7878,

10.2960

■ 68.9310, 1.5130,
28.1245

■ 68.9310, 1.5130,
28.1245

■ 62.3770, 1.7861,
33.8724

■ 75.4850, 1.2399,
22.3767

■ 55.8230, 2.0593,
39.6202

■ 82.0390, 0.9668,
16.6288

■ 49.2690, 2.3324,
45.3681

■ 88.5930, 0.6937,
10.8809

■ 42.7150, 2.6055,
51.1159

■ 95.1470, 0.4205,
5.1331

■ 36.1610, 2.8786,
56.8638

■ 102.2880, -0.1420,
-1.1296

■ 34.8730, 3.0206,
57.9934

■ 108.8420, -0.4151,
-6.8774

■ 115.3960, -0.6882,
-12.6253

■ 121.9500, -0.9613,
-18.3731

■ 128.5040, -1.2345,
-24.1210

Harmonies

Analogous

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



70.0310, 9.8447, 15.7588



68.9310, 1.5130, 28.1245



67.9500, -7.3703, 30.7389

Triad

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



68.9310, 1.5130, 28.1245



64.3470, -16.4401, -0.3043



55.1970, 21.1019, -48.4078

Complementary

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



68.9310, 1.5130, 28.1245



84.0690, -1.5130, -28.1245

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.



54.6610, 13.9711, -47.9377



68.9310, 1.5130, 28.1245



61.3000, -8.5289, -17.8031

Square

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



68.9310, 1.5130, 28.1245



65.9790, -18.2306, 14.0504



52.9790, 4.9404, -44.7086



61.1220, 21.6319, -31.6790

Rectangle

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



68.9310, 1.5130, 28.1245



67.5600, -12.6011, 28.4499



52.9790, 4.9404, -44.7086



55.3280, 19.0653, -48.5227

Sweetspot

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



68.9310, 1.5130, 28.1245



117.5930, 0.6937, 10.8809



66.2570, 17.1283, 12.9296



58.1580, 0.4151, 6.8774



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.



68.9310, 1.5130, 28.1245



80.8450, 2.0484, 43.1089



68.9990, -8.3805, 28.0649



47.7230, 0.1366, 2.8739



39.7430, 3.5777, 66.0004



83.6440, 7.5705, 138.8782

Inverse Universe

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



68.9310, 1.5130, 28.1245



80.8450, 2.0484, 43.1089



84.0010, 8.3805, -28.0649



47.7230, 0.1366, 2.8739



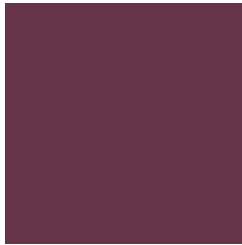
39.7430, 3.5777, 66.0004



83.6440, 7.5705, 138.8782

Previews

White Background



This preview shows how the YUV color 68.9310, 1.5130, 28.1245 looks on a white background.

Color Contrast Check

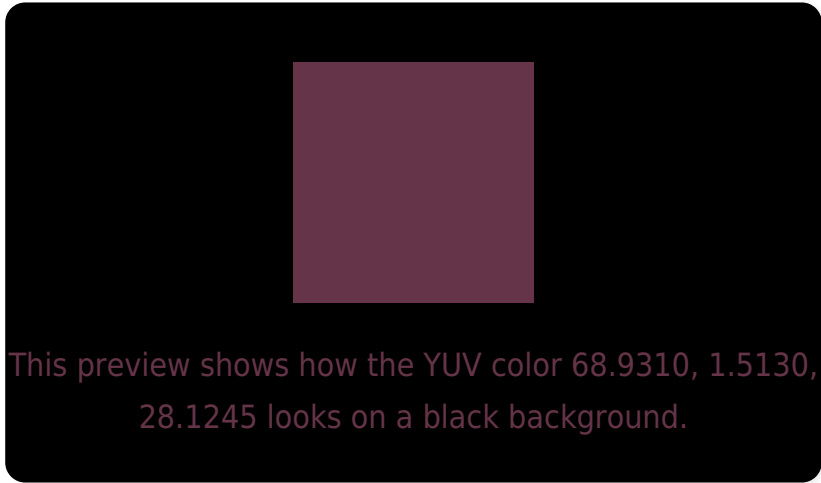
Large Text (above 18pt) WCAG AA ✓ Pass

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

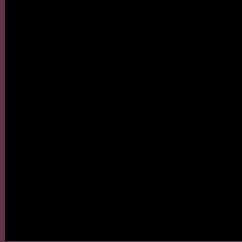
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9310, 1.5130, 28.1245

Background



This preview shows how black text looks on a background with the YUV color 68.9310, 1.5130, 28.1245.



This preview shows how white text looks on a background with the YUV color 68.9310, 1.5130,

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

68.9310, 1.5130, 28.1245

Protanopia

68.1120, 6.8468, -2.7292

Deuteranopia

68.8480, 0.5679, 4.5183



Tritanopia

68.9110, -4.8861, 27.2651

Trichromacy



Original Color

68.9310, 1.5130, 28.1245

Protanomaly

68.6080, 4.6303, 8.2368

Deuteranomaly

69.0170, 0.9776, 13.1401

Tritanomaly

68.8940, -2.4127, 27.2800

Monochromacy



Original Color

68.9310, 1.5130, 28.1245

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1800, 0.4043, 10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9310, 1.5130, 28.1245 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(101, 52, 72)` looks like.

```
.text, #text, p{  
    color:rgb(101, 52, 72)  
}
```

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(101, 52, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 52, 72) }
```

Border

The CSS property to change the border of an element to YUV 68.9310, 1.5130, 28.1245 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(101, 52, 72) }
```


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

```
.border{ border-color:rgb(101, 52, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 52, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 52, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 52, 72);  
box-shadow:4px 4px 4px 4px rgb(101, 52,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 68.9310, 1.5130, 28.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 52, 72) }
```

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

```
.background{ background-color: rgb(101, 52,  
72) }
```

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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