

Converting Colors

YUV(68.6650, 1.6442, 32.7428)

Have a look what the booklet for
YUV(68.6650, 1.6442, 32.7428)
contains.

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Color

**YUV(68.6650, 1.6442,
32.7428)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3148
RGB	106, 49, 72
RGB Percent	42%, 19%, 28%
CMY	0.5843, 0.8078, 0.7176
CMYK	0.00, 0.54, 0.32, 0.58
HSL	336°, 37%, 30%
HSV	336°, 54%, 42%
XYZ	8.2119, 5.7287, 6.8038
YIQ	68.6650, 26.5890, 19.2370

Conversions

Conversions Part 2

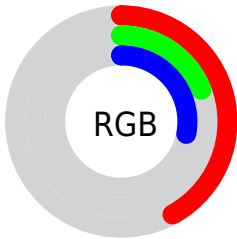
Format	Color
RYB	106, 49, 72
Decimal	6959432
CIELab	28.72, 28.29, -2.27
CIELCh	29, 28.384, 355.421
Yxy	5.7287, 0.3959, 0.2762
Android (android.graphics.Color)	4285149512 (0xFF6A3148)
YUV	68.6650, 1.6442, 32.7428
Hunter-Lab	23.9347, 19.3569, -0.0999

Details

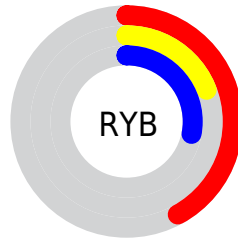
The YUV color **68.6650, 1.6442, 32.7428** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.3350, -1.6442, -32.7428**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1600, 0.9071, 35.8167**, and **21.2240, 3.8336, 30.4986** is the 20% darker color. If you saturate the color by 10%, you get **61.5240, 2.2067, 39.0055**, and if you desaturate by 10%, it is **75.8060, 1.0816, 26.4801**.

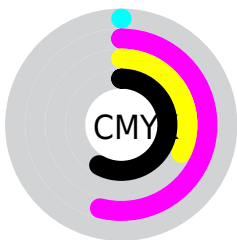
Distribution



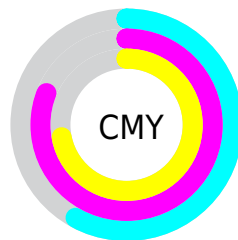
- Red (42%)
- Green (19%)
- Blue (28%)



- Red (42%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (54%)
- Yellow (32%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.6650, 1.6442, 32.7428 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 68.6650, 1.6442, 32.7428 by changing the saturation by 10% instead.

68.6650, 1.6442,
32.7428

68.6650, 1.6442,
32.7428

255.0000, 0.0000,
0.0000

45.1810, 2.3758,
31.4133

118.1600, 0.9071,
35.8167

21.2240, 3.8336,
30.4986

144.7580, 0.6123,
37.0462

10.8780, -4.8699,
22.0320

171.4700, 0.7543,
38.1758

0.0000, 0.0000,
0.0000

199.0680, 0.4595,
39.4054

221.9850, 2.9654,
28.9542

241.4990, 6.6560,

11.8404

■ 68.6650, 1.6442,
32.7428

■ 68.6650, 1.6442,
32.7428

■ 61.5240, 2.2067,
39.0055

■ 75.8060, 1.0816,
26.4801

■ 54.8560, 2.0430,
44.8533

■ 82.4740, 1.2453,
20.6323

■ 47.7150, 2.6055,
51.1159

■ 89.6150, 0.6828,
14.3696

■ 41.1610, 2.8786,
56.8638

■ 96.1690, 0.4097,
8.6218

■ 36.5960, 3.1572,
60.8673

■ 103.4240, 0.2840,
2.2592

■ 110.5650, -0.2785,
-4.0035

■ 117.1190, -0.5517,
-9.7514

■ 124.3740, -0.6774,
-16.1140

■ 130.9280, -0.9505,
-21.8619

Harmonies

Analogous

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



70.0960, 11.2917, 18.3328



68.6650, 1.6442, 32.7428



67.3420, -8.5496, 35.6571

Triad

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



68.6650, 1.6442, 32.7428



63.7660, -18.6186, -1.5488



56.3540, 22.9965, -49.4225

Complementary

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



68.6650, 1.6442, 32.7428



86.3350, -1.6442, -32.7428

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.



55.5900, 14.9921, -48.7524



68.6650, 1.6442, 32.7428



59.5660, -8.6600, -22.4214

Square

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



68.6650, 1.6442, 32.7428



65.4800, -21.4356, 15.3650



52.9680, 4.9458, -46.4529



57.0220, 26.6112, -42.1153

Rectangle

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



68.6650, 1.6442, 32.7428



67.3000, -14.9379, 31.3089



52.9680, 4.9458, -46.4529



56.3710, 20.5231, -49.4374

Sweetspot

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



68.6650, 1.6442, 32.7428



123.6040, 0.6882, 12.6253



65.3650, 20.0331, 14.5889



60.4570, 0.2677, 7.4922



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.



68.6650, 1.6442, 32.7428



79.0140, 2.4581, 51.7307



68.9780, -9.8492, 32.4683



50.0220, -0.0108, 3.4887



40.3410, 3.2829, 67.2299



84.5410, 7.1283, 140.7225

Inverse Universe

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



68.6650, 1.6442, 32.7428



79.0140, 2.4581, 51.7307



86.0220, 9.8492, -32.4683



50.0220, -0.0108, 3.4887



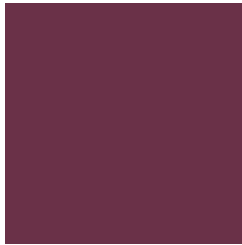
40.3410, 3.2829, 67.2299



84.5410, 7.1283, 140.7225

Previews

White Background



This preview shows how the YUV color 68.6650, 1.6442, 32.7428 looks on a white background.

Color Contrast Check

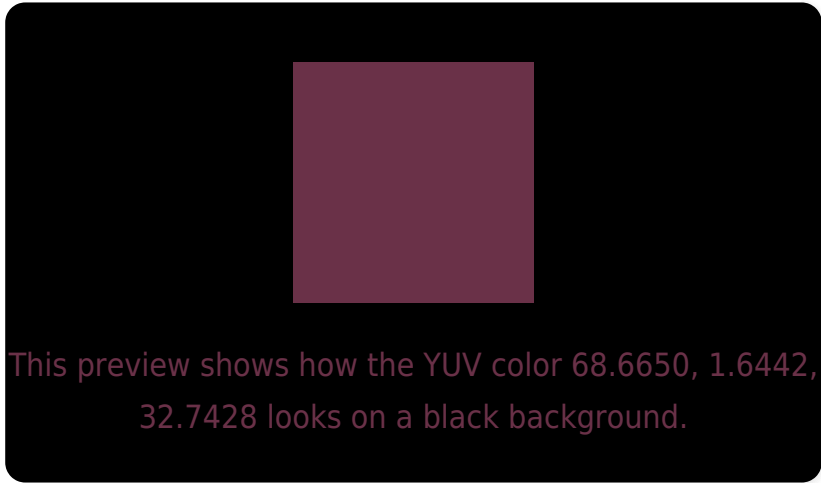
Large Text (above 18pt) WCAG AA ✓ Pass

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

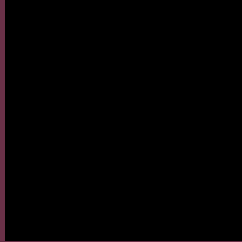
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.6650, 1.6442, 32.7428

Background



This preview shows how black text looks on a background with the YUV color 68.6650, 1.6442, 32.7428.



This preview shows how white text looks on a background with the YUV color 68.6650, 1.6442, 32.7428.

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

68.6650, 1.6442, 32.7428

Protanopia

68.9270, 7.4310, -3.4440

Deuteranopia

69.0330, -0.0163, 5.2331



Tritanopia

68.3030, -6.0654, 32.1833

Trichromacy



Original Color

68.6650, 1.6442, 32.7428

Protanomaly

68.8470, 5.4984, 9.7812

Deuteranomaly

68.9140, 0.5354, 14.9844

Tritanomaly

68.4000, -3.1552, 32.0982

Monochromacy



Original Color

68.6650, 1.6442, 32.7428

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6650, 1.6442, 32.7428 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(106, 49, 72)` looks like.

```
.text, #text, p{  
    color:rgb(106, 49, 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(106, 49, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 49, 72) }
```

Border

The CSS property to change the border of an element to YUV 68.6650, 1.6442, 32.7428 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(106, 49, 72) }
```


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

```
.border{ border-color:rgb(106, 49, 72) }
```

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

Here you see how a box with a 4 pixel rgb(106, 49, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 49, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 49, 72);  
box-shadow:4px 4px 4px 4px rgb(106, 49,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 68.6650, 1.6442, 32.7428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 49, 72) }
```

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

```
.background{ background-color: rgb(106, 49,  
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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