

Converting Colors

YUV(67.4800, 2.2284, 32.0280)

Have a look what the booklet for
YUV(67.4800, 2.2284, 32.0280)
contains.

YUV(67.4800, 2.2284, 32.0280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.4800, 2.2284,
32.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	683048
RGB	104, 48, 72
RGB Percent	41%, 19%, 28%
CMY	0.5922, 0.8118, 0.7176
CMYK	0.00, 0.54, 0.31, 0.59
HSL	334°, 37%, 30%
HSV	334°, 54%, 41%
XYZ	7.9356, 5.5248, 6.7790
YIQ	67.4800, 25.6720, 19.3360

Conversions

Conversions Part 2

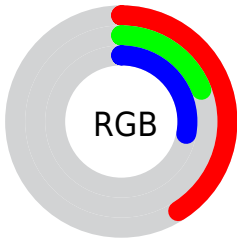
Format	Color
R_{YB}	104, 48, 72
Decimal	6828104
CIE Lab	28.18, 28.10, -3.09
CIE LCh	28, 28.269, 353.715
Yxy	5.5248, 0.3921, 0.2730
Android (android.graphics.Color)	4285018184 (0xFF683048)
YUV	67.4800, 2.2284, 32.0280
Hunter-Lab	23.5050, 19.1301, -0.6463

Details

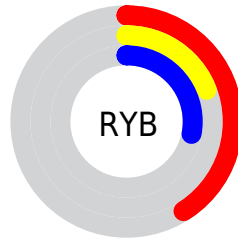
The YUV color **67.4800, 2.2284, 32.0280** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.5200, -2.2284, -32.0280**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9750, 1.4913, 35.1019**, and **20.0390, 4.4178, 29.7838** is the 20% darker color. If you saturate the color by 10%, you get **60.9260, 2.5015, 37.7759**, and if you desaturate by 10%, it is **74.0340, 1.9552, 26.2802**.

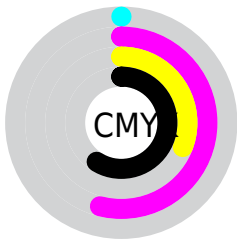
Distribution



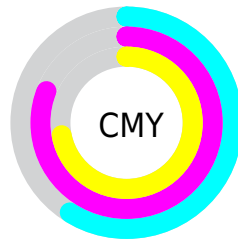
- Red (41%)
- Green (19%)
- Blue (28%)



- Red (41%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (54%)
- Yellow (31%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4800, 2.2284, 32.0280 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 67.4800, 2.2284, 32.0280 by changing the saturation by 10% instead.

67.4800, 2.2284,
32.0280

67.4800, 2.2284,
32.0280

255.0000, 0.0000,
0.0000

43.9960, 2.9600,
30.6985

116.9750, 1.4913,
35.1019

20.0390, 4.4178,
29.7838

143.5730, 1.1965,
36.3315

10.2800, -4.5750,
20.8024

170.2850, 1.3385,
37.4611

0.0000, 0.0000,
0.0000

197.8830, 1.0437,
38.6906

220.8110, 3.5442,
29.9838

240.9120, 6.9454,

12.3552

■ 67.4800, 2.2284,
32.0280

■ 67.4800, 2.2284,
32.0280

■ 60.9260, 2.5015,
37.7759

■ 74.0340, 1.9552,
26.2802

■ 53.7850, 3.0640,
44.0386

■ 81.1750, 1.3927,
20.0175

■ 47.2310, 3.3371,
49.7864

■ 87.7290, 1.1196,
14.2697

■ 40.0900, 3.8996,
56.0491

■ 94.8700, 0.5571,
8.0070

■ 36.2260, 4.3256,
59.4378

■ 101.4240, 0.2840,
2.2592

■ 107.9780, 0.0108,
-3.4887

■ 115.1190, -0.5517,
-9.7514

■ 121.6730, -0.8248,
-15.4992

■ 128.7000, -1.8241,
-21.6619

Harmonies

Analogous

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



68.7970, 11.4391, 17.7180



67.4800, 2.2284, 32.0280



66.4560, -8.1128, 35.5571

Triad

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



67.4800, 2.2284, 32.0280



62.4780, -18.4767, -0.4192



55.5390, 22.4123, -48.7077

Complementary

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



67.4800, 2.2284, 32.0280



84.5200, -2.2284, -32.0280

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



67.4800, 2.2284, 32.0280



59.0500, -9.3916, -21.0918

Square

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



67.4800, 2.2284, 32.0280



64.8930, -21.1462, 15.8798



52.1530, 4.3616, -45.7382



53.6300, 27.7904, -47.0335

Rectangle

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



67.4800, 2.2284, 32.0280



65.8270, -14.2117, 31.7237



52.1530, 4.3616, -45.7382



55.5560, 19.9389, -48.7226

Sweetspot

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



67.4800, 2.2284, 32.0280



121.3050, 0.8356, 12.0105



63.9520, 19.7437, 14.0741



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.



67.4800, 2.2284, 32.0280



77.6440, 3.6265, 50.3012



67.0920, -9.4124, 32.3683



47.7230, 0.1366, 2.8739



39.9710, 4.4513, 65.8004



84.2140, 9.7545, 138.3783

Inverse Universe

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



67.4800, 2.2284, 32.0280



77.6440, 3.6265, 50.3012



84.9080, 9.4124, -32.3683



47.7230, 0.1366, 2.8739



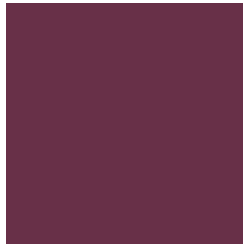
39.9710, 4.4513, 65.8004



84.2140, 9.7545, 138.3783

Previews

White Background



This preview shows how the YUV color 67.4800, 2.2284, 32.0280 looks on a white background.

Color Contrast Check

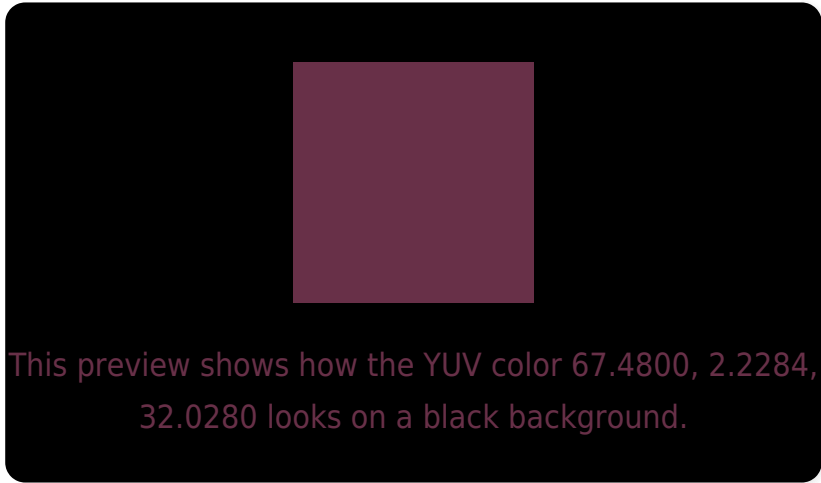
Large Text (above 18pt) WCAG AA ✓ Pass

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

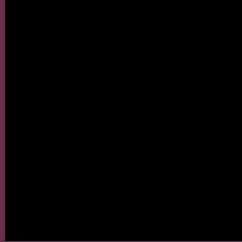
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4800, 2.2284, 32.0280

Background



This preview shows how black text looks on a background with the YUV color 67.4800, 2.2284, 32.0280.



This preview shows how white text looks on a background with the YUV color 67.4800, 2.2284,

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

67.4800, 2.2284, 32.0280

Protanopia

67.7420, 8.0152, -4.1587

Deuteranopia

67.8480, 0.5679, 4.5183



Tritanopia

67.0040, -5.9180, 31.5685

Trichromacy



Original Color

67.4800, 2.2284, 32.0280

Protanomaly

67.6620, 6.0826, 9.0664

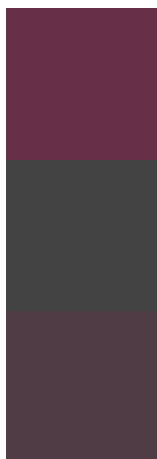
Deuteranomaly

67.7290, 1.1196, 14.2697

Tritanomaly

67.1010, -3.0078, 31.4834

Monochromacy



Original Color

67.4800, 2.2284, 32.0280

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0060, 0.9830, 11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4800, 2.2284, 32.0280 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(104, 48, 72)` looks like.

```
.text, #text, p{  
    color:rgb(104, 48, 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(104, 48, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 48, 72) }
```

Border

The CSS property to change the border of an element to YUV 67.4800, 2.2284, 32.0280 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(104, 48, 72) }
```


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

```
.border{ border-color:rgb(104, 48, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 48, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 48, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 48, 72);  
box-shadow:4px 4px 4px 4px rgb(104, 48,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 67.4800, 2.2284, 32.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 48, 72) }
```

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

```
.background{ background-color: rgb(104, 48,  
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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