

Converting Colors

YUV(67.5130, 2.2121, 37.2611)

Have a look what the booklet for
YUV(67.5130, 2.2121, 37.2611)
contains.

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Color

**YUV(67.5130, 2.2121,
37.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2D48
RGB	110, 45, 72
RGB Percent	43%, 18%, 28%
CMY	0.5686, 0.8235, 0.7176
CMYK	0.00, 0.59, 0.35, 0.57
HSL	335°, 42%, 30%
HSV	335°, 59%, 43%
XYZ	8.5385, 5.6596, 6.7733
YIQ	67.5130, 30.0730, 22.1770

Conversions

Conversions Part 2

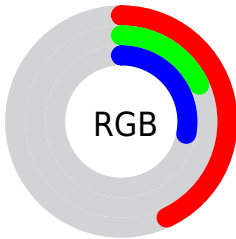
Format	Color
R_{YB}	110, 45, 72
Decimal	7220552
CIE _{Lab}	28.54, 31.96, -2.46
CIE _{LCh}	29, 32.057, 355.603
Yxy	5.6596, 0.4071, 0.2699
Android (android.graphics.Color)	4285410632 (0xFF6E2D48)
YUV	67.5130, 2.2121, 37.2611
Hunter-Lab	23.7900, 22.4330, -0.2275

Details

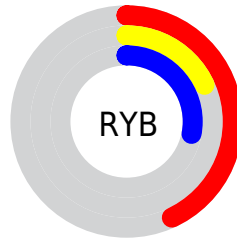
The YUV color **67.5130, 2.2121, 37.2611** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **87.4870, -2.2121, -37.2611**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8940, 1.0383, 40.4350**, and **20.9470, 3.9701, 33.3725** is the 20% darker color. If you saturate the color by 10%, you get **60.3720, 2.7746, 43.5238**, and if you desaturate by 10%, it is **74.6540, 1.6496, 30.9984**.

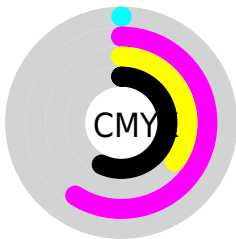
Distribution



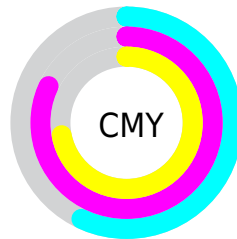
- Red (43%)
- Green (18%)
- Blue (28%)



- Red (43%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5130, 2.2121, 37.2611 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 67.5130, 2.2121, 37.2611 by changing the saturation by 10% instead.

67.5130, 2.2121,
37.2611

67.5130, 2.2121,
37.2611

255.0000, 0.0000,
0.0000

43.1430, 3.3805,
35.8316

117.8940, 1.0383,
40.4350

20.9470, 3.9701,
33.3725

143.9050, 1.0328,
42.1793

11.7750, -5.3121,
23.8763

171.2040, 0.8854,
42.7941

0.0000, 0.0000,
0.0000

199.1010, 0.4432,
44.6384

219.6370, 4.1230,
31.0134

239.7380, 7.5242,

13.3848

■ 67.5130, 2.2121,
37.2611

■ 67.5130, 2.2121,
37.2611

■ 60.3720, 2.7746,
43.5238

■ 74.6540, 1.6496,
30.9984

■ 53.1170, 2.9003,
49.8864

■ 81.9090, 1.5239,
24.6358

■ 45.9760, 3.4628,
56.1490

■ 89.0500, 0.9614,
18.3732

■ 38.7210, 3.5885,
62.5117

■ 96.3050, 0.8356,
12.0105

■ 38.1340, 3.8779,
63.0265

■ 103.4460, 0.2731,
5.7479

■ 110.7010, 0.1474,
-0.6148

■ 117.8420, -0.4151,
-6.8774

■ 124.9830, -0.9776,
-13.1401

■ 132.2380, -1.1033,
-19.5027

Harmonies

Analogous

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



69.5740, 13.0280, 21.4216



67.5130, 2.2121, 37.2611



66.4350, -9.5815, 39.9605

Triad

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



67.5130, 2.2121, 37.2611



62.3700, -21.3814, -2.0785



57.5110, 24.8911, -50.4371

Complementary

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



67.5130, 2.2121, 37.2611



87.4870, -2.2121, -37.2611

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.



56.4050, 15.5763, -49.4672



67.5130, 2.2121, 37.2611



57.6040, -9.6648, -26.8397

Square

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



67.5130, 2.2121, 37.2611



64.8670, -25.0774, 16.7796



53.5550, 4.6564, -46.9677



55.0150, 30.5586, -48.2482

Rectangle

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



67.5130, 2.2121, 37.2611



65.9800, -16.2591, 35.0975



53.5550, 4.6564, -46.9677



57.4140, 21.9809, -50.3521

Sweetspot

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



67.5130, 2.2121, 37.2611



126.0280, 0.9722, 14.8844



63.7720, 22.7904, 16.8630



61.1690, 0.4097, 8.6218



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.5130, 2.2121, 37.2611



76.4000, 3.7468, 58.4082



67.3700, -11.0284, 37.3865



52.1360, 0.4260, 3.3887



41.5800, 4.1511, 68.7743



85.5950, 8.5807, 141.5522

Inverse Universe

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



67.5130, 2.2121, 37.2611



76.4000, 3.7468, 58.4082



87.6300, 11.0284, -37.3865



52.1360, 0.4260, 3.3887



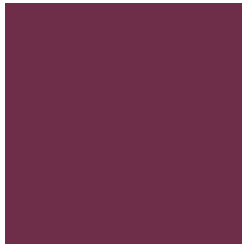
41.5800, 4.1511, 68.7743



85.5950, 8.5807, 141.5522

Previews

White Background



This preview shows how the YUV color 67.5130, 2.2121, 37.2611 looks on a white background.

Color Contrast Check

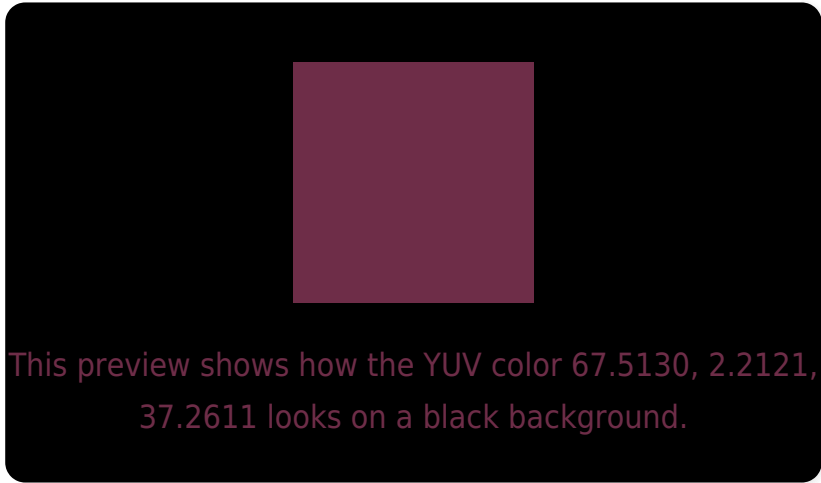
Large Text (above 18pt) WCAG AA ✓ Pass

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

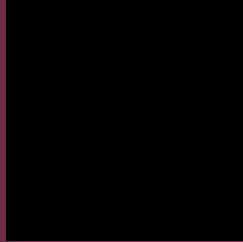
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5130, 2.2121, 37.2611

Background



This preview shows how black text looks on a background with the YUV color 67.5130, 2.2121, 37.2611.



This preview shows how white text looks on a background with the YUV color 67.5130, 2.2121,

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

67.5130, 2.2121, 37.2611

Protanopia

67.9700, 8.8888, -4.3587

Deuteranopia

68.7340, 0.1311, 4.6183



Tritanopia

66.9830, -7.3866, 35.9719

Trichromacy



Original Color

67.5130, 2.2121, 37.2611

Protanomaly

67.7870, 6.5140, 10.7108

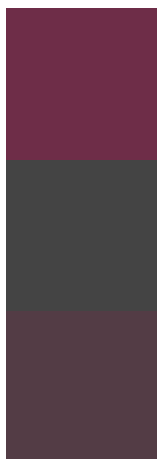
Deuteranomaly

68.0390, 0.9668, 16.6288

Tritanomaly

67.4930, -4.1870, 36.4016

Monochromacy



Original Color

67.5130, 2.2121, 37.2611

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5130, 2.2121, 37.2611 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(110, 45, 72)` looks like.

```
.text, #text, p{  
    color:rgb(110, 45, 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(110, 45, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 45, 72) }
```

Border

The CSS property to change the border of an element to YUV 67.5130, 2.2121, 37.2611 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(110, 45, 72) }
```


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

```
.border{ border-color:rgb(110, 45, 72) }
```

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

Here you see how a box with a 4 pixel rgb(110, 45, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 45, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 45, 72);  
box-shadow:4px 4px 4px 4px rgb(110, 45,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 67.5130, 2.2121, 37.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 45, 72) }
```

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

```
.background{ background-color: rgb(110, 45,  
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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