

Converting Colors

YUV(67.3270, -2.6262, 2.3442)

Have a look what the booklet for
YUV(67.3270, -2.6262, 2.3442)
contains.

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Color

**YUV(67.3270, -2.6262,
2.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	46433E
RGB	70, 67, 62
RGB Percent	27%, 26%, 24%
CMY	0.7255, 0.7373, 0.7569
CMYK	0.00, 0.04, 0.11, 0.73
HSL	37°, 6%, 26%
HSV	37°, 11%, 27%
XYZ	5.4024, 5.6642, 5.3660
YIQ	67.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

Format	Color
RYB	67, 70, 62
Decimal	4604734
CIELab	28.55, 0.22, 3.48
CIELCh	29, 3.489, 86.334
Yxy	5.6642, 0.3288, 0.3447
Android (android.graphics.Color)	4282794814 (0xFF46433E)
YUV	67.3270, -2.6262, 2.3442
Hunter-Lab	23.7996, -1.1302, 3.2918

Details

The YUV color **67.3270, -2.6262, 2.3442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.6730, 2.6262, -2.3442**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2130, -3.0630, 2.4442**, and **24.4410, -2.1894, 2.2442** is the 20% darker color. If you saturate the color by 10%, you get **64.7680, -4.8156, 4.5885**, and if you desaturate by 10%, it is **69.8860, -0.4368, 0.1000**.

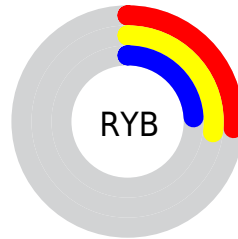
Distribution



Red (27%)

Green (26%)

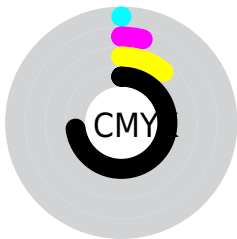
Blue (24%)



Red (26%)

Yellow (27%)

Blue (24%)

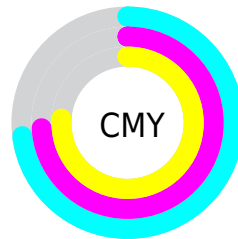


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (73%)



Cyan (73%)

Magenta (74%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3270, -2.6262, 2.3442 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 67.3270, -2.6262, 2.3442 by changing the saturation by 10% instead.

■ 67.3270, -2.6262,
2.3442

■ 67.3270, -2.6262,
2.3442

255.0000, 0.0000,
0.0000

■ 45.3270, -2.6262,
2.3442

■ 115.2130, -3.0630,
2.4442

■ 24.4410, -2.1894,
2.2442

■ 140.6260, -2.7736,
2.9590

■ 0.0000, 0.0000,
0.0000

■ 167.2130, -3.0630,
2.4442

■ 194.5120, -3.2104,
3.0590

■ 222.5120, -3.2104,
3.0590

■ 250.5120, -3.2104,

3.0590

■ 67.3270, -2.6262,
2.3442

■ 67.3270, -2.6262,
2.3442

■ 64.7680, -4.8156,
4.5885

■ 69.8860, -0.4368,
0.1000

■ 62.7960, -7.2944,
6.3179

■ 71.8580, 2.0420,
-1.6295

■ 60.2370, -9.4838,
8.5622

■ 74.4170, 4.2314,
-3.8737

■ 58.2650, -11.9626,
10.2916

■ 76.9760, 6.4208,
-6.1180

■ 55.7060, -14.1521,
12.5358

■ 78.9480, 8.8996,
-7.8474

■ 53.1470, -16.3415,
14.7801

■ 81.5070, 11.0890,
-10.0916

■ 51.1750, -18.8203,
16.5095

■ 83.4790, 13.5679,
-11.8211

■ 48.6160, -21.0097,
18.7538

■ 86.0380, 15.7573,
-14.0653

■ 46.7580, -23.0517,
20.3832

■ 88.5970, 17.9467,
-16.3096

Harmonies

Analogous

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



67.4520, -2.1948, 3.9886



67.3270, -2.6262, 2.3442



67.0170, -2.4734, -0.0149

Triad

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



67.3270, -2.6262, 2.3442



66.7220, 1.6161, -5.0182



67.9510, 1.0102, 2.6740

Complementary

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



67.3270, -2.6262, 2.3442



64.6730, 2.6262, -2.3442

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.



67.8690, 2.0366, 0.1149



67.3270, -2.6262, 2.3442



66.6620, 2.6316, -4.0886

Square

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



67.3270, -2.6262, 2.3442



66.6790, 0.1583, -4.1035



67.3740, 2.7736, -2.9590



68.3210, -0.1583, 4.1035

Rectangle

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



67.3270, -2.6262, 2.3442



66.6470, -1.3050, -1.4444



67.3740, 2.7736, -2.9590



67.7660, 1.5944, 1.9592

Sweetspot

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



67.3270, -2.6262, 2.3442



91.0710, -1.0210, 0.8147



64.7340, 0.1311, 4.6183



45.1850, -0.5842, 0.7148



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



67.3270, -2.6262, 2.3442



87.5830, -4.2314, 3.8737



68.7890, -3.3470, 0.1850



34.3700, -1.1684, 1.4295



65.9950, -32.5355, 28.9454



151.2270, -74.5549, 66.4529

Inverse Universe

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



64.6730, 2.6262, -2.3442



83.4170, 4.2314, -3.8737



63.2110, 3.3470, -0.1850



33.0430, 1.4578, -0.9147



33.0050, 32.5355, -28.9454



75.7730, 74.5549, -66.4529

Previews

White Background



This preview shows how the YUV color 67.3270, -2.6262, 2.3442 looks on a white background.

Color Contrast Check

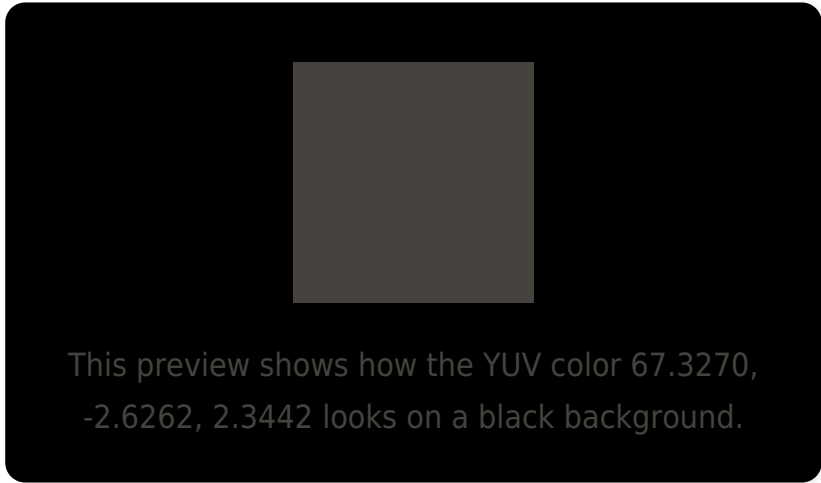
Large Text (above 18pt) WCAG AA ✓ Pass

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

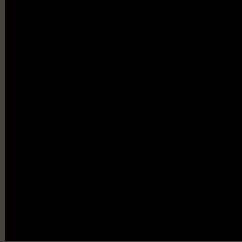
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.3270, -2.6262, 2.3442

Background



This preview shows how black text looks on a background with the YUV color 67.3270, -2.6262, 2.3442.



This preview shows how white text looks on a background with the YUV color 67.3270, -2.6262,

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

67.3270, -2.6262, 2.3442

Protanopia

67.3270, -2.6262, 2.3442

Deuteranopia

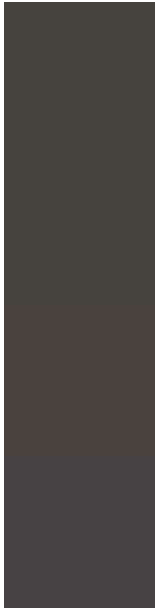
67.9470, -2.9319, 7.0625



Tritanopia

68.0650, 1.4470, 2.5740

Trichromacy



Original Color

67.3270, -2.6262, 2.3442

Protanomaly

67.3270, -2.6262, 2.3442

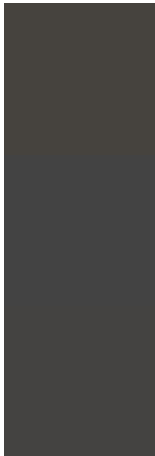
Deuteranomaly

67.9360, -2.9264, 5.3181

Tritanomaly

67.7230, 0.1366, 2.8739

Monochromacy



Original Color

67.3270, -2.6262, 2.3442

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3270, -2.6262, 2.3442 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(70, 67, 62)` looks like.

```
.text, #text, p{  
    color:rgb(70, 67, 62)  
}
```

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(70, 67, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 67, 62) }
```

Border

The CSS property to change the border of an element to YUV 67.3270, -2.6262, 2.3442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

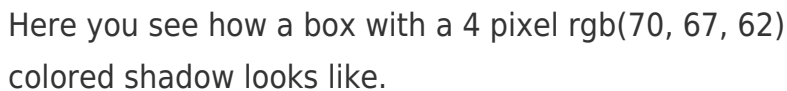
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 67, 62) }
```


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

```
.border{ border-color:rgb(70, 67, 62) }
```

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



Here you see how a box with a 4 pixel `rgb(70, 67, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 67, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 67, 62);  
box-shadow:4px 4px 4px 4px rgb(70, 67, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3270, -2.6262, 2.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 67, 62) }
```

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

```
.background{ background-color: rgb(70, 67,  
62) }
```

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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