

Converting Colors

YUV(67.5770, -1.7635, 5.6330)

Have a look what the booklet for
YUV(67.5770, -1.7635, 5.6330)
contains.

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Color

**YUV(67.5770, -1.7635,
5.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4140
RGB	74, 65, 64
RGB Percent	29%, 25%, 25%
CMY	0.7098, 0.7451, 0.7490
CMYK	0.00, 0.12, 0.14, 0.71
HSL	6°, 7%, 27%
HSV	6°, 14%, 29%
XYZ	5.6398, 5.6066, 5.6354
YIQ	67.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

Format	Color
R_{YB}	74, 65, 64
Decimal	4866368
CIE Lab	28.40, 3.65, 2.01
CIE LCh	28, 4.169, 28.880
Yxy	5.6066, 0.3341, 0.3321
Android (android.graphics.Color)	4283056448 (0xFF4A4140)
YUV	67.5770, -1.7635, 5.6330
Hunter-Lab	23.6783, 1.0786, 2.4638

Details

The YUV color **67.5770, -1.7635, 5.6330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **70.4230, 1.7635, -5.6330**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8760, -1.9109, 6.2477**, and **24.9790, -1.4686, 4.4034** is the 20% darker color. If you saturate the color by 10%, you get **62.6700, -2.7953, 9.9364**, and if you desaturate by 10%, it is **72.4840, -0.7316, 1.3295**.

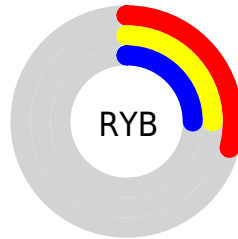
Distribution



Red (29%)

Green (25%)

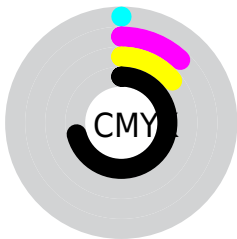
Blue (25%)



Red (29%)

Yellow (25%)

Blue (25%)

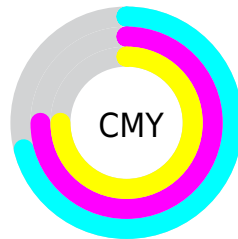


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5770, -1.7635, 5.6330 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 67.5770, -1.7635, 5.6330 by changing the saturation by 10% instead.

■ 67.5770, -1.7635,
5.6330

■ 67.5770, -1.7635,
5.6330

■ 255.0000, 0.0000,
0.0000

■ 45.2780, -1.6161,
5.0182

■ 115.8760, -1.9109,
6.2477

■ 24.9790, -1.4686,
4.4034

■ 141.1750, -2.0583,
6.8625

■ 0.0000, 0.0000,
0.0000

■ 167.1750, -2.0583,
6.8625

■ 195.0610, -2.4951,
6.9625

■ 222.4740, -2.2057,
7.4773

■ 249.9790, -1.4686,

4.4034

■ 67.5770, -1.7635,
5.6330

■ 67.5770, -1.7635,
5.6330

■ 62.6700, -2.7953,
9.9364

■ 72.4840, -0.7316,
1.3295

■ 58.2360, -4.5533,
13.8250

■ 76.9180, 1.0264,
-2.5591

■ 53.3290, -5.5852,
18.1285

■ 81.8250, 2.0583,
-6.8625

■ 48.3080, -7.0538,
22.5319

■ 86.8460, 3.5269,
-11.2659

■ 43.9880, -8.3751,
26.3205

■ 91.1660, 4.8482,
-15.0546

■ 39.0810, -9.4069,
30.6240

■ 96.0730, 5.8800,
-19.3580

■ 34.0600, -10.8756,
35.0274

■ 101.0940, 7.3487,
-23.7614

■ 29.7400, -12.1968,
38.8160

■ 105.4140, 8.6699,
-27.5501

■ 26.2350, -12.9339,
41.8899

■ 110.4350, 10.1385,
-31.9535

Harmonies

Analogous

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



67.6200, -0.3057, 4.7183



67.5770, -1.7635, 5.6330



67.6370, -2.7790, 4.7034

Triad

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



67.5770, -1.7635, 5.6330



66.6360, -1.2995, -3.1888



66.7870, 3.0630, -2.4442

Complementary

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



67.5770, -1.7635, 5.6330



70.4230, 1.7635, -5.6330

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.



66.0640, 2.9264, -5.3181



67.5770, -1.7635, 5.6330



66.0810, 0.4531, -5.3330

Square

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



67.5770, -1.7635, 5.6330



66.6040, -2.7628, -0.5297



66.1240, 1.9109, -6.2477



67.3960, 2.7628, 0.5297

Rectangle

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



67.5770, -1.7635, 5.6330



66.9250, -2.9210, 3.5738



66.1240, 1.9109, -6.2477



66.7760, 3.0684, -4.1886

Sweetspot

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



67.5770, -1.7635, 5.6330



94.1960, -0.5896, 2.4591



68.0160, 2.4571, 5.2480



46.5980, -0.2948, 1.2296



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



67.5770, -1.7635, 5.6330



86.9580, -2.9373, 8.8068



70.5120, -3.2104, 3.0590



35.7830, -0.8790, 1.9443



36.3680, -17.9294, 57.5593



82.2710, -40.5596, 129.5583

Inverse Universe

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



70.4230, 1.7635, -5.6330



91.0420, 2.9373, -8.8068



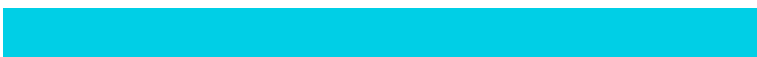
67.4880, 3.2104, -3.0590



36.8040, 0.5896, -2.4591



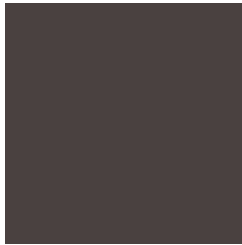
65.6320, 17.9294, -57.5593



147.7290, 40.5596, -129.5583

Previews

White Background



This preview shows how the YUV color 67.5770, -1.7635, 5.6330 looks on a white background.

Color Contrast Check

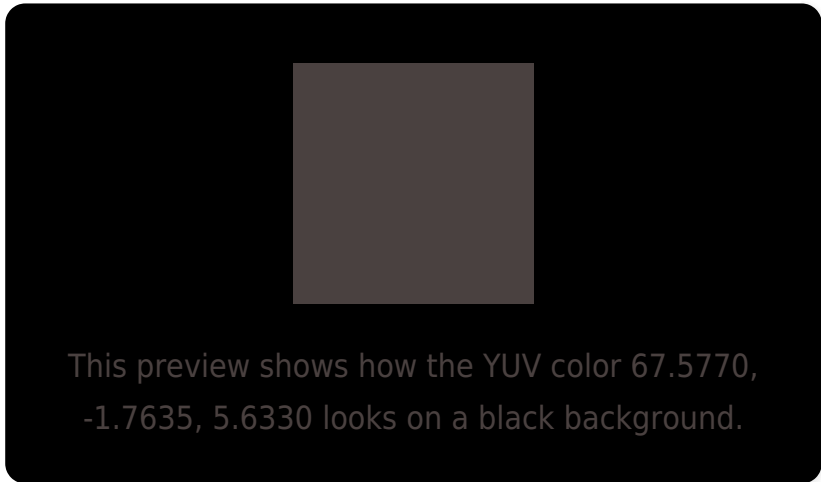
Large Text (above 18pt) WCAG AA ✓ Pass

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

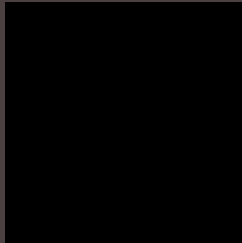
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5770, -1.7635, 5.6330

Background



This preview shows how black text looks on a background with the YUV color 67.5770, -1.7635, 5.6330.

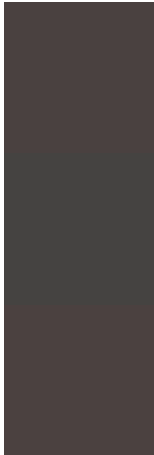


This preview shows how white text looks on a background with the YUV color 67.5770, -1.7635,

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

67.5770, -1.7635, 5.6330

Protanopia

67.3700, -1.1684, 1.4295

Deuteranopia

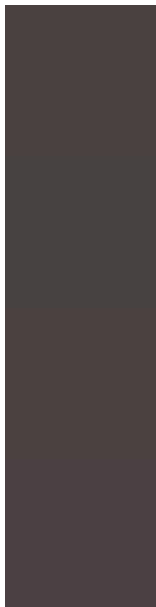
67.8760, -1.9109, 6.2477



Tritanopia

67.8590, 0.5625, 6.2627

Trichromacy



Original Color

67.5770, -1.7635, 5.6330

Protanomaly

67.3810, -1.1738, 3.1739

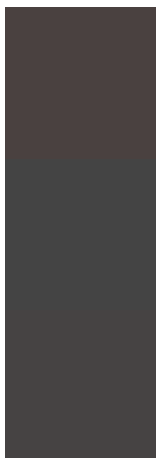
Deuteranomaly

67.8760, -1.9109, 6.2477

Tritanomaly

67.6310, -0.3111, 6.4626

Monochromacy



Original Color

67.5770, -1.7635, 5.6330

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5770, -1.7635, 5.6330 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(74, 65, 64)` looks like.

```
.text, #text, p{  
    color:rgb(74, 65, 64)  
}
```

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(74, 65, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 65, 64) }
```

Border

The CSS property to change the border of an element to YUV 67.5770, -1.7635, 5.6330 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(74, 65, 64) }
```


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

```
.border{ border-color:rgb(74, 65, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 65, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 65, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 65, 64);  
box-shadow:4px 4px 4px 4px rgb(74, 65, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.5770, -1.7635, 5.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 65, 64) }
```

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

```
.background{ background-color: rgb(74, 65,  
64) }
```

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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