

Converting Colors

YUV(70.0990, -3.4998, 2.5442)

Have a look what the booklet for
YUV(70.0990, -3.4998, 2.5442)
contains.

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Color

**YUV(70.0990, -3.4998,
2.5442)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 49463F |
| RGB | 73, 70, 63 |
| RGB Percent | 29%, 27%, 25% |
| CMY | 0.7137, 0.7255, 0.7529 |
| CMYK | 0.00, 0.04, 0.14, 0.71 |
| HSL | 42°, 7%, 27% |
| HSV | 42°, 14%, 29% |
| XYZ | 5.8350, 6.1557, 5.5833 |
| YIQ | 70.0990, 4.0350, -1.5410 |

Conversions

Conversions Part 2

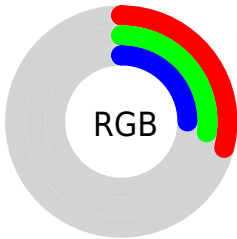
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 67, 73, 63 |
| Decimal | 4802111 |
| CIE Lab | 29.80, -0.18, 4.67 |
| CIE LCh | 30, 4.669, 92.178 |
| Yxy | 6.1557, 0.3320, 0.3503 |
| Android (android.graphics.Color) | 4282992191 (0xFF49463F) |
| YUV | 70.0990, -3.4998, 2.5442 |
| Hunter-Lab | 24.8106, -1.4385, 4.0251 |

Details

The YUV color **70.0990, -3.4998, 2.5442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.9010, 3.4998, -2.5442**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3980, -3.6472, 3.1590**, and **26.9140, -2.9156, 1.8294** is the 20% darker color. If you saturate the color by 10%, you get **68.1270, -5.9786, 4.2736**, and if you desaturate by 10%, it is **72.0710, -1.0210, 0.8147**.

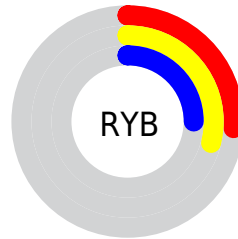
Distribution



Red (29%)

Green (27%)

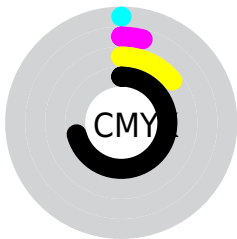
Blue (25%)



Red (26%)

Yellow (29%)

Blue (25%)

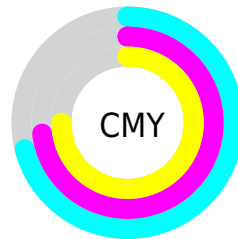


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0990, -3.4998, 2.5442 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 70.0990, -3.4998, 2.5442 by changing the saturation by 10% instead.

■ 70.0990, -3.4998,
2.5442

■ 70.0990, -3.4998,
2.5442

■ 255.0000, 0.0000,
0.0000

■ 47.8000, -3.3524,
1.9294

■ 118.3980, -3.6472,
3.1590

■ 26.9140, -2.9156,
1.8294

■ 143.9850, -3.9366,
2.6442

■ 0.0000, 0.0000,
0.0000

■ 170.2840, -4.0840,
3.2589

■ 197.8710, -4.3734,
2.7441

■ 225.8710, -4.3734,
2.7441

■ 253.2730, -4.0786,

1.5146

■ 70.0990, -3.4998,
2.5442

■ 70.0990, -3.4998,
2.5442

■ 68.1270, -5.9786,
4.2736

■ 72.0710, -1.0210,
0.8147

■ 66.0410, -8.8942,
6.1030

■ 74.1570, 1.8946,
-1.0147

■ 63.4820, -11.0836,
8.3473

■ 76.7160, 4.0840,
-3.2589

■ 61.5100, -13.5624,
10.0767

■ 78.6880, 6.5628,
-4.9884

■ 59.4240, -16.4780,
11.9062

■ 80.7740, 9.4784,
-6.8178

■ 57.4520, -18.9568,
13.6356

■ 82.7460, 11.9572,
-8.5472

■ 55.4800, -21.4356,
15.3650

■ 84.7180, 14.4360,
-10.2767

■ 52.9210, -23.6251,
17.6093

■ 87.2770, 16.6254,
-12.5209

■ 51.7640, -25.5197,
18.6240

■ 89.3630, 19.5410,
-14.3504

Harmonies

Analogous

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



70.5230, -3.2158, 4.8033



70.0990, -3.4998, 2.5442



69.6040, -2.7628, -0.5297

Triad

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



70.0990, -3.4998, 2.5442



68.9390, 2.4951, -6.9625



70.7770, 1.5889, 3.7036

Complementary

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



70.0990, -3.4998, 2.5442



65.9010, 3.4998, -2.5442

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.



70.3960, 2.7628, 0.5297



70.0990, -3.4998, 2.5442



69.1780, 3.3632, -5.4181

Square

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



70.0990, -3.4998, 2.5442



68.7820, 0.6005, -5.9478



69.9010, 3.4998, -2.5442



71.2180, -0.6005, 5.9478

Rectangle

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



70.0990, -3.4998, 2.5442



69.5220, -1.7363, -3.0888



69.9010, 3.4998, -2.5442



70.5920, 2.1731, 2.9888

Sweetspot

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



70.0990, -3.4998, 2.5442



93.0710, -1.0210, 0.8147



66.3320, -0.1637, 5.8478



47.7720, -0.8736, 0.2000



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.



70.0990, -3.4998, 2.5442



89.9420, -5.3944, 3.5589



71.2620, -4.0732, -0.2298



34.9570, -1.4578, 0.9147



70.6910, -34.8507, 24.8270



161.2060, -79.4746, 57.7013

Inverse Universe

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



65.9010, 3.4998, -2.5442



83.6450, 5.1050, -4.0737



64.7380, 4.0732, 0.2298



33.0430, 1.4578, -0.9147



28.8960, 34.5613, -25.3418



65.7940, 79.4746, -57.7013

Previews

White Background



This preview shows how the YUV color 70.0990, -3.4998, 2.5442 looks on a white background.

Color Contrast Check

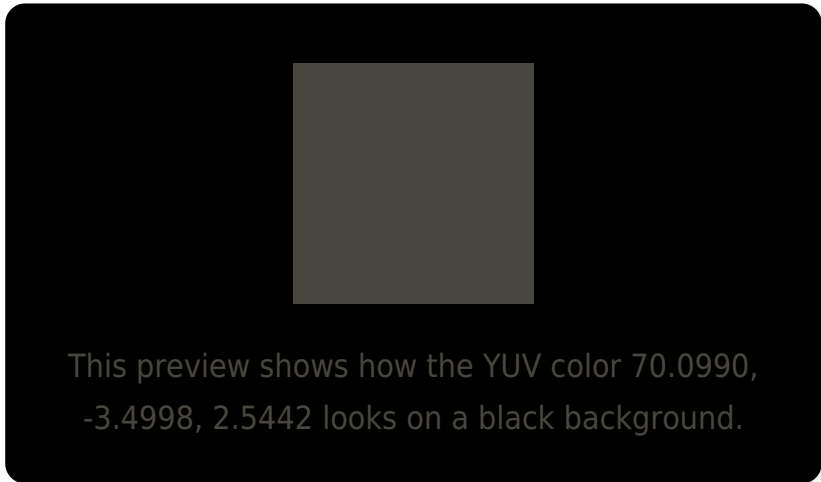
Large Text (above 18pt) WCAG AA ✓ Pass

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

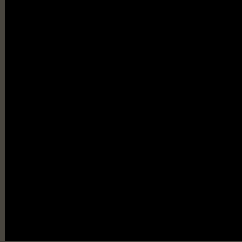
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.0990, -3.4998, 2.5442

Background



This preview shows how black text looks on a background with the YUV color 70.0990, -3.4998, 2.5442.



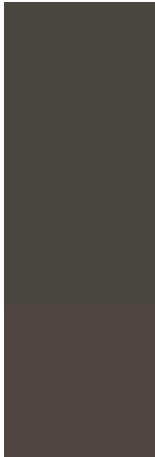
This preview shows how white text looks on a background with the YUV color 70.0990, -3.4998,

2.5442.

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

70.0990, -3.4998, 2.5442

Protanopia

70.0990, -3.4998, 2.5442

Deuteranopia

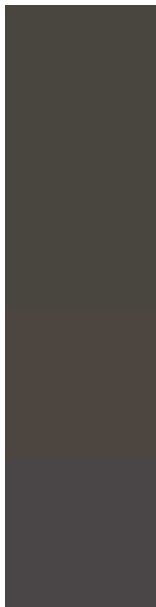
70.7190, -3.8055, 7.2624



Tritanopia

70.4780, 1.7363, 3.0888

Trichromacy



Original Color

70.0990, -3.4998, 2.5442

Protanomaly

70.0990, -3.4998, 2.5442

Deuteranomaly

70.7080, -3.8000, 5.5181

Tritanomaly

70.6090, -0.3002, 2.9739

Monochromacy



Original Color

70.0990, -3.4998, 2.5442

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0990, -3.4998, 2.5442 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(73, 70, 63)` looks like.

```
.text, #text, p{  
    color:rgb(73, 70, 63)  
}
```

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(73, 70, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 70, 63) }
```

Border

The CSS property to change the border of an element to YUV 70.0990, -3.4998, 2.5442 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(73, 70, 63) }
```


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

```
.border{ border-color:rgb(73, 70, 63) }
```

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

Here you see how a box with a 4 pixel rgb(73, 70, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 70, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 70, 63);  
box-shadow:4px 4px 4px 4px rgb(73, 70, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.0990, -3.4998, 2.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 70, 63) }
```

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

```
.background{ background-color: rgb(73, 70,  
63) }
```

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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