

Converting Colors

YUV(69.9700, -7.8732, 5.2883)

Have a look what the booklet for
YUV(69.9700, -7.8732, 5.2883)
contains.

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Color

**YUV(69.9700, -7.8732,
5.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4636
RGB	76, 70, 54
RGB Percent	30%, 27%, 21%
CMY	0.7020, 0.7255, 0.7882
CMYK	0.00, 0.08, 0.29, 0.70
HSL	44°, 17%, 25%
HSV	44°, 29%, 30%
XYZ	5.8365, 6.1832, 4.3759
YIQ	69.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

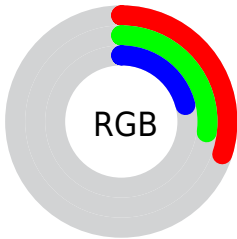
Format	Color
RYB	62, 76, 54
Decimal	4998710
CIELab	29.87, -0.45, 10.58
CIElCh	30, 10.589, 92.458
Yxy	6.1832, 0.3560, 0.3771
Android (android.graphics.Color)	4283188790 (0xFF4C4636)
YUV	69.9700, -7.8732, 5.2883
Hunter-Lab	24.8660, -1.6181, 6.9724

Details

The YUV color **69.9700, -7.8732, 5.2883** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.0300, 7.8732, -5.2883**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1550, -8.4574, 6.0031**, and **26.5570, -8.1626, 4.7735** is the 20% darker color. If you saturate the color by 10%, you get **67.8840, -10.7888, 7.1177**, and if you desaturate by 10%, it is **72.0560, -4.9576, 3.4589**.

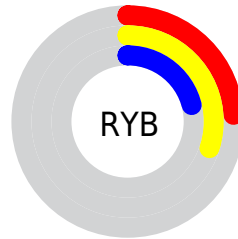
Distribution



Red (30%)

Green (27%)

Blue (21%)



Red (24%)

Yellow (30%)

Blue (21%)

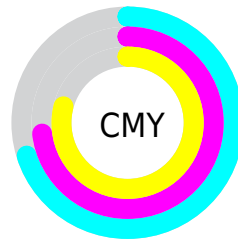


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (70%)



Cyan (70%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9700, -7.8732, 5.2883 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 69.9700, -7.8732, 5.2883 by changing the saturation by 10% instead.

■ 69.9700, -7.8732,
5.2883

■ 69.9700, -7.8732,
5.2883

■ 255.0000, 0.0000,
0.0000

■ 47.7850, -7.2890,
4.5736

■ 118.1550, -8.4574,
6.0031

■ 26.5570, -8.1626,
4.7735

■ 144.0410, -8.8942,
6.1030

■ 0.0000, 0.0000,
0.0000

■ 170.3400, -9.0416,
6.7178

■ 198.1120, -9.9152,
6.9178

■ 226.1120, -9.9152,
6.9178

■ 252.0190, -8.8834,

2.6143

■ 69.9700, -7.8732,
5.2883

■ 69.9700, -7.8732,
5.2883

■ 67.8840, -10.7888,
7.1177

■ 72.0560, -4.9576,
3.4589

■ 65.9120, -13.2676,
8.8472

■ 74.0280, -2.4788,
1.7294

■ 63.8260, -16.1832,
10.6766

■ 76.1140, 0.4368,
-0.1000

■ 61.8540, -18.6620,
12.4060

■ 78.0860, 2.9156,
-1.8294

■ 59.7680, -21.5776,
14.2355

■ 80.1720, 5.8312,
-3.6588

■ 57.6820, -24.4932,
16.0649

■ 82.2580, 8.7468,
-5.4883

■ 55.1230, -26.6826,
18.3091

■ 84.8170, 10.9362,
-7.7325

■ 55.0090, -27.1194,
18.4091

■ 86.9030, 13.8518,
-9.5619

■ 88.8750, 16.3306,
-11.2914

Harmonies

Analogous

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



70.5300, -7.1633, 10.9362



69.9700, -7.8732, 5.2883



69.2680, -6.5411, -1.9890

Triad

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



69.9700, -7.8732, 5.2883



67.3830, 5.7272, -16.9989



72.1520, 2.8831, 8.6367

Complementary

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



69.9700, -7.8732, 5.2883



60.0300, 7.8732, -5.2883

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.



71.3190, 6.2517, 1.4742



69.9700, -7.8732, 5.2883



68.0890, 8.3371, -14.1101

Square

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



69.9700, -7.8732, 5.2883



67.0690, 1.9380, -14.9695



70.1330, 8.3154, -7.1326



72.1480, -1.0590, 13.0252

Rectangle

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



69.9700, -7.8732, 5.2883



68.5170, -4.1989, -6.5924



70.1330, 8.3154, -7.1326



71.4830, 4.1989, 6.5924

Sweetspot

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



69.9700, -7.8732, 5.2883



96.8000, -3.3524, 1.9294



61.2620, -0.6222, 12.9252



49.1420, -2.0420, 1.6295



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



69.9700, -7.8732, 5.2883



89.8410, -12.2466, 8.0324



71.9970, -8.8725, -0.8744



36.9570, -1.4578, 0.9147



73.9360, -36.4504, 24.6121



166.7990, -82.2319, 55.4273

Inverse Universe

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



60.0300, 7.8732, -5.2883



74.1590, 12.2466, -8.0324



58.0030, 8.8725, 0.8744



35.0430, 1.4578, -0.9147



28.0640, 36.4504, -24.6121



63.2010, 82.2319, -55.4273

Previews

White Background



This preview shows how the YUV color 69.9700, -7.8732, 5.2883 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



This preview shows how the YUV color 69.9700, -7.8732, 5.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

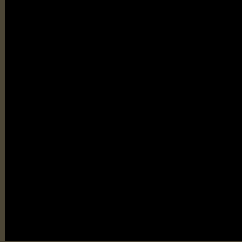
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.9700, -7.8732, 5.2883

Background



This preview shows how black text looks on a background with the YUV color 69.9700, -7.8732, 5.2883.

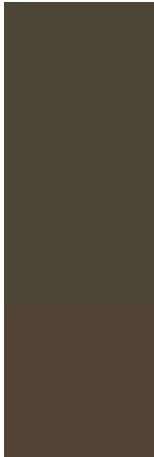


This preview shows how white text looks on a background with the YUV color 69.9700, -7.8732,

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

69.9700, -7.8732, 5.2883

Protanopia

69.6710, -7.7258, 4.6735

Deuteranopia

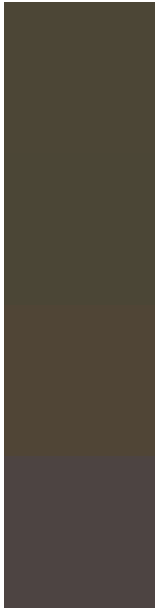
70.8890, -8.3263, 10.6213



Tritanopia

70.9730, 0.9993, 6.1627

Trichromacy



Original Color

69.9700, -7.8732, 5.2883

Protanomaly

69.6710, -7.7258, 4.6735

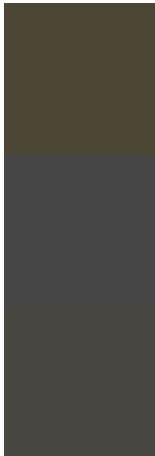
Deuteranomaly

70.5790, -8.1734, 8.2622

Tritanomaly

70.4630, -2.2003, 5.7329

Monochromacy



Original Color

69.9700, -7.8732, 5.2883

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9700, -7.8732, 5.2883 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(76, 70, 54)` looks like.

```
.text, #text, p{  
    color:rgb(76, 70, 54)  
}
```

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(76, 70, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 70, 54) }
```

Border

The CSS property to change the border of an element to YUV 69.9700, -7.8732, 5.2883 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(76, 70, 54) }
```


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

```
.border{ border-color:rgb(76, 70, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 70, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 70, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 70, 54);  
box-shadow:4px 4px 4px 4px rgb(76, 70, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.9700, -7.8732, 5.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 70, 54) }
```

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

```
.background{ background-color: rgb(76, 70,  
54) }
```

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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