

Converting Colors

YUV(72.5570, -8.1626, 4.7735)

Have a look what the booklet for
YUV(72.5570, -8.1626, 4.7735)
contains.

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Color

**YUV(72.5570, -8.1626,
4.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4938
RGB	78, 73, 56
RGB Percent	31%, 29%, 22%
CMY	0.6941, 0.7137, 0.7804
CMYK	0.00, 0.06, 0.28, 0.69
HSL	46°, 16%, 26%
HSV	46°, 28%, 31%
XYZ	6.2382, 6.6703, 4.7001
YIQ	72.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

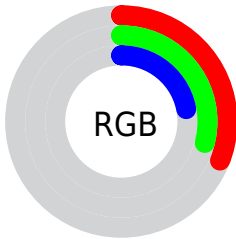
Format	Color
RYB	62, 78, 56
Decimal	5130552
CIELab	31.04, -1.09, 10.95
CIELCh	31, 11.007, 95.684
Yxy	6.6703, 0.3543, 0.3788
Android (android.graphics.Color)	4283320632 (0xFF4E4938)
YUV	72.5570, -8.1626, 4.7735
Hunter-Lab	25.8269, -2.0823, 7.2890

Details

The YUV color **72.5570, -8.1626, 4.7735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.4430, 8.1626, -4.7735**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7420, -8.7468, 5.4883**, and **29.2580, -8.0152, 4.1587** is the 20% darker color. If you saturate the color by 10%, you get **70.4710, -11.0782, 6.6029**, and if you desaturate by 10%, it is **74.6430, -5.2470, 2.9441**.

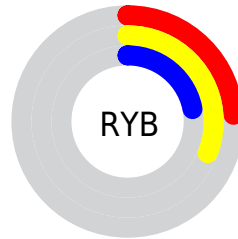
Distribution



 Red (31%)

 Green (29%)

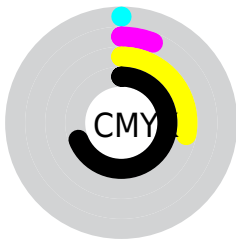
 Blue (22%)




 Red (24%)

 Yellow (31%)

 Blue (22%)

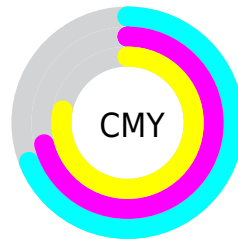



 Cyan (0%)

 Magenta (6%)

 Yellow (28%)

 Black (69%)



 Cyan (69%)

 Magenta (71%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5570, -8.1626, 4.7735 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 72.5570, -8.1626, 4.7735 by changing the saturation by 10% instead.

■ 72.5570, -8.1626,
4.7735

■ 72.5570, -8.1626,
4.7735

■ 255.0000, 0.0000,
0.0000

■ 50.2580, -8.0152,
4.1587

■ 120.7420, -8.7468,
5.4883

■ 29.2580, -8.0152,
4.1587

■ 146.6280, -9.1836,
5.5882

■ 3.2450, -1.5998,
-0.2149

■ 173.5140, -9.6204,
5.6882

■ 0.0000, 0.0000,
0.0000

■ 200.8130, -9.7678,
6.3030

■ 228.6990,
-10.2046, 6.4030

■ 252.9480, -7.8624,

1.7996

■ 72.5570, -8.1626,
4.7735

■ 72.5570, -8.1626,
4.7735

■ 70.4710, -11.0782,
6.6029

■ 74.6430, -5.2470,
2.9441

■ 68.3850, -13.9938,
8.4324

■ 76.7290, -2.3314,
1.1147

■ 67.0000, -16.7620,
9.6470

■ 78.1140, 0.4368,
-0.1000

■ 64.9140, -19.6776,
11.4764

■ 80.2000, 3.3524,
-1.9294

■ 62.8280, -22.5932,
13.3058

■ 82.2860, 6.2680,
-3.7588

■ 60.7420, -25.5088,
15.1353

■ 84.3720, 9.1836,
-5.5882

■ 59.2430, -28.7138,
16.4499

■ 85.8710, 12.3886,
-6.9029

■ 58.5420, -28.8612,
17.0647

■ 87.8430, 14.8674,
-8.6323

■ 89.9290, 17.7830,
-10.4617

Harmonies

Analogous

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



73.4160, -7.6001, 11.0362



72.5570, -8.1626, 4.7735



71.6700, -6.2463, -3.2186

Triad

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



72.5570, -8.1626, 4.7735



70.1980, 6.3114, -17.7136



74.7500, 2.5882, 9.8663

Complementary

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



72.5570, -8.1626, 4.7735



61.4430, 8.1626, -4.7735

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.



74.0310, 6.3937, 2.6038



72.5570, -8.1626, 4.7735



71.0890, 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.



72.5570, -8.1626, 4.7735



69.4710, 2.2328, -16.1991



72.5460, 8.6048, -6.6178



74.4470, -1.2064, 13.6400

Rectangle

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



72.5570, -8.1626, 4.7735



70.9190, -3.9041, -7.8220



72.5460, 8.6048, -6.6178



74.7820, 4.0515, 7.2072

Sweetspot

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



72.5570, -8.1626, 4.7735



99.9140, -2.9156, 1.8294



63.1480, -1.0590, 13.0252



49.8430, -1.8946, 1.0147



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.



72.5570, -8.1626, 4.7735



93.3140, -12.9728, 7.6176



73.6980, -8.7251, -1.4891



36.9570, -1.4578, 0.9147



76.8710, -37.8974, 22.0381



172.6690, -85.1258, 50.2793

Inverse Universe

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



61.4430, 8.1626, -4.7735



75.6860, 12.9728, -7.6176



60.3020, 8.7251, 1.4891



35.0430, 1.4578, -0.9147



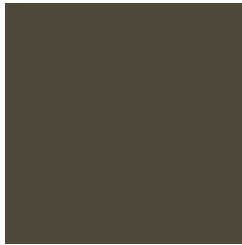
25.1290, 37.8974, -22.0381



56.7440, 85.4152, -49.7645

Previews

White Background



This preview shows how the YUV color 72.5570, -8.1626, 4.7735 looks on a white background.

Color Contrast Check

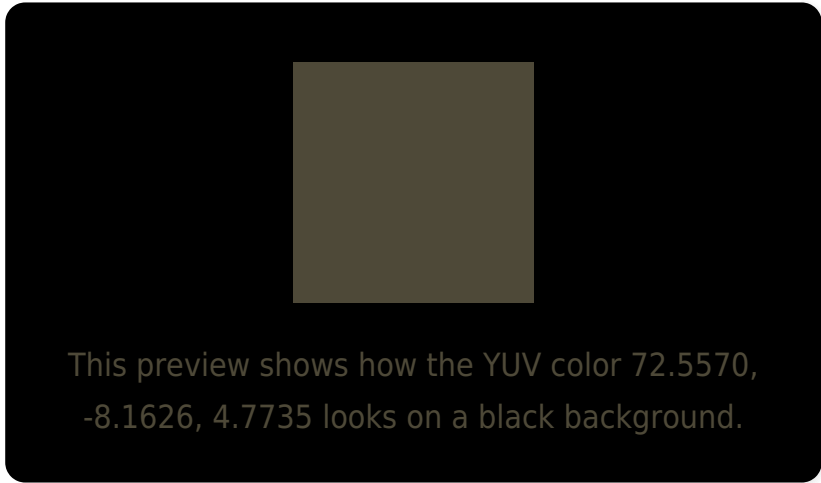
Large Text (above 18pt) WCAG AA ✓ Pass

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

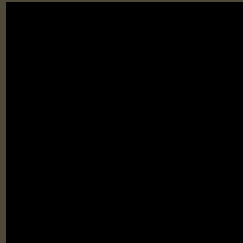
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.5570, -8.1626, 4.7735

Background



This preview shows how black text looks on a background with the YUV color 72.5570, -8.1626, 4.7735.

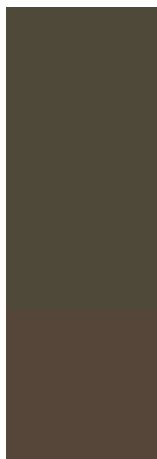


This preview shows how white text looks on a background with the YUV color 72.5570, -8.1626, 4.7735.

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

72.5570, -8.1626, 4.7735

Protanopia

72.5570, -8.1626, 4.7735

Deuteranopia

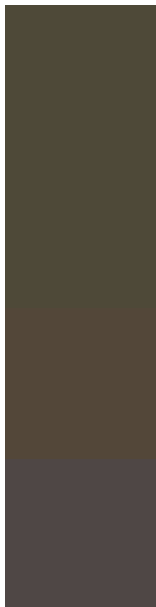
73.3020, -8.0369, 11.1361



Tritanopia

73.6740, 1.1467, 5.5479

Trichromacy



Original Color

72.5570, -8.1626, 4.7735

Protanomaly

72.5570, -8.1626, 4.7735

Deuteranomaly

72.9920, -7.8841, 8.7770

Tritanomaly

73.1640, -2.0529, 5.1182

Monochromacy



Original Color

72.5570, -8.1626, 4.7735

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5570, -8.1626, 4.7735 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(78, 73, 56)` looks like.

```
.text, #text, p{  
    color:rgb(78, 73, 56)  
}
```

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(78, 73, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 73, 56) }
```

Border

The CSS property to change the border of an element to YUV 72.5570, -8.1626, 4.7735 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(78, 73, 56) }
```


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

```
.border{ border-color:rgb(78, 73, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 73, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 73, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 73, 56);  
box-shadow:4px 4px 4px 4px rgb(78, 73, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.5570, -8.1626, 4.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 73, 56) }
```

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

```
.background{ background-color: rgb(78, 73,  
56) }
```

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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