

Converting Colors

YUV(72.0300, 7.8732, -5.2883)

Have a look what the booklet for
YUV(72.0300, 7.8732, -5.2883)
contains.

YUV(72.0300, 7.8732, -5.2883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.0300, 7.8732,
-5.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	424858
RGB	66, 72, 88
RGB Percent	26%, 28%, 35%
CMY	0.7412, 0.7176, 0.6549
CMYK	0.25, 0.18, 0.00, 0.65
HSL	224°, 14%, 30%
HSV	224°, 25%, 35%
XYZ	6.3256, 6.4976, 10.1533
YIQ	72.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

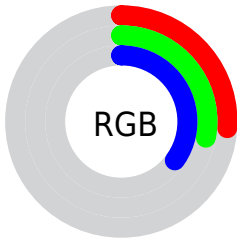
Format	Color
RYB	66, 71, 88
Decimal	4343896
CIELab	30.63, 1.61, -10.29
CIElCh	31, 10.415, 278.908
Yxy	6.4976, 0.2753, 0.2828
Android (android.graphics.Color)	4282533976 (0xFF424858)
YUV	72.0300, 7.8732, -5.2883
Hunter-Lab	25.4903, -0.3121, -5.7731

Details

The YUV color **72.0300, 7.8732, -5.2883** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.9700, -7.8732, 5.2883**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.2580, 8.7468, -5.4883**, and **28.5030, 7.1470, -5.7031** is the 20% darker color. If you saturate the color by 10%, you get **65.8170, 10.9362, -7.7325**, and if you desaturate by 10%, it is **78.2430, 4.8102, -2.8441**.

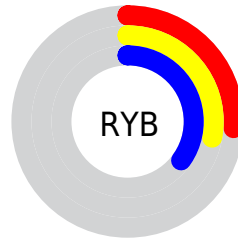
Distribution



Red (26%)

Green (28%)

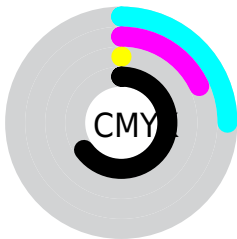
Blue (35%)



Red (26%)

Yellow (28%)

Blue (35%)

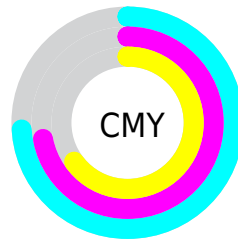


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (65%)



Cyan (74%)

Magenta (72%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0300, 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 72.0300, 7.8732, -5.2883 by changing the saturation by 10% instead.

■ 72.0300, 7.8732,
-5.2883

■ 72.0300, 7.8732,
-5.2883

■ 255.0000, 0.0000,
0.0000

■ 49.9160, 7.4364,
-5.1883

■ 120.2580, 8.7468,
-5.4883

■ 28.5030, 7.1470,
-5.7031

■ 146.2580, 8.7468,
-5.4883

■ 3.7960, 9.4676,
-3.3291

■ 172.9590, 8.8942,
-6.1030

■ 0.0000, 0.0000,
0.0000

■ 200.3720, 9.1836,
-5.5882

■ 228.4860, 9.6204,
-5.6882

■ 253.5050, 0.7370,

-3.0739

■ 72.0300, 7.8732,
-5.2883

■ 72.0300, 7.8732,
-5.2883

■ 65.8170, 10.9362,
-7.7325

■ 78.2430, 4.8102,
-2.8441

■ 59.0170, 14.2886,
-9.6619

■ 85.0430, 1.4578,
-0.9147

■ 53.1030, 17.2042,
-11.4913

■ 90.9570, -1.4578,
0.9147

■ 46.3030, 20.5566,
-13.4207

■ 97.7570, -4.8102,
2.8441

■ 40.0900, 23.6196,
-15.8649

■ 103.9700, -7.8732,
5.2883

■ 33.8770, 26.6826,
-18.3091

■ 110.1830,
-10.9362, 7.7325

■ 27.0770, 30.0350,
-20.2385

■ 116.9830,
-14.2886, 9.6619

■ 24.1200, 31.4928,
-21.1532

■ 122.8970,
-17.2042, 11.4913

■ 129.6970,
-20.5566, 13.4207

Harmonies

Analogous

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



70.6870, 8.0423, -12.8805



72.0300, 7.8732, -5.2883



73.2160, 5.8095, 3.3186

Triad

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



72.0300, 7.8732, -5.2883



72.7090, -5.2795, 13.4102



69.4780, -1.7147, -10.0662

Complementary

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



72.0300, 7.8732, -5.2883



81.9700, -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.



70.7840, -5.8095, -3.3186



72.0300, 7.8732, -5.2883



72.7040, -7.7421, 9.9066

Square

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



72.0300, 7.8732, -5.2883



73.3330, -1.6432, 13.7400



71.3720, -7.5784, 4.0588



68.8840, 2.5222, -15.6843

Rectangle

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



72.0300, 7.8732, -5.2883



73.6680, 3.6147, 7.3072



71.3720, -7.5784, 4.0588



70.1470, -3.0305, -8.0219

Sweetspot

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



72.0300, 7.8732, -5.2883



108.2000, 3.3524, -1.9294



80.7380, 0.6222, -12.9252



54.2710, 2.3314, -1.1147



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



72.0300, 7.8732, -5.2883



89.8600, 12.3940, -8.6472



70.0030, 8.8725, 0.8744



40.0430, 1.4578, -0.9147



29.2210, 38.3450, -25.6268



64.3580, 84.1265, -56.4420

Inverse Universe

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



73.2620, -0.6222, 12.9252



91.6050, -0.7913, 20.5174



83.9970, -8.8725, -0.8744



40.3100, -0.1528, 2.3591



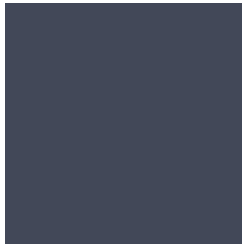
35.2990, -3.1054, 62.8818



77.5610, -6.6856, 138.0740

Previews

White Background



This preview shows how the YUV color 72.0300, 7.8732, -5.2883 looks on a white background.

Color Contrast Check

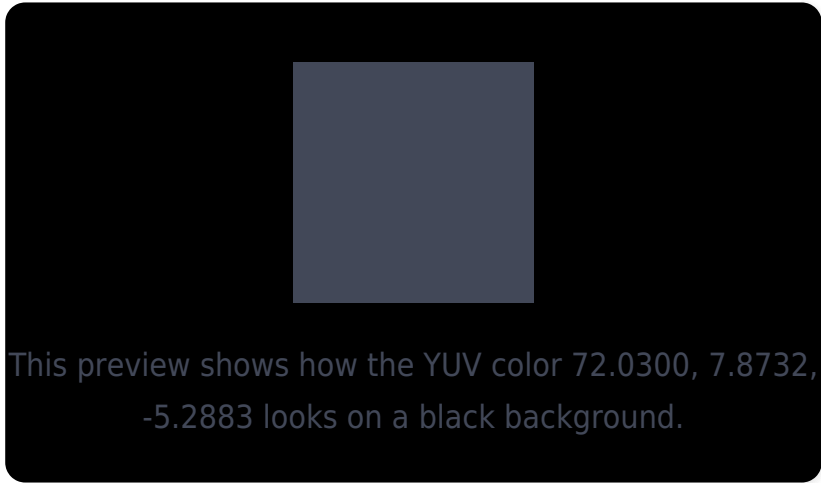
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

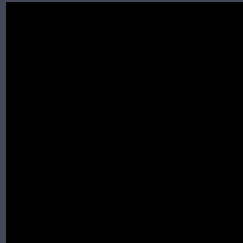
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

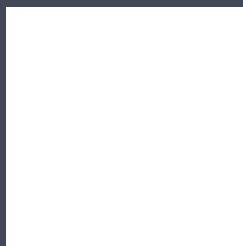
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.0300, 7.8732, -5.2883

Background



This preview shows how black text looks on a background with the YUV color 72.0300, 7.8732, -5.2883.



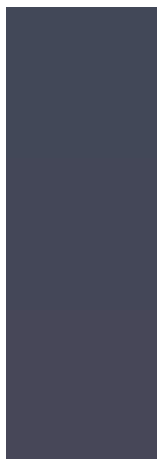
This preview shows how white text looks on a background with the YUV color 72.0300, 7.8732, -5.2883.

-5.2883.

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

72.0300, 7.8732, -5.2883

Protanopia

72.0410, 7.8678, -3.5440

Deuteranopia

72.9380, 7.4256, -1.6996



Tritanopia

71.5800, 3.6581, -6.6477

Trichromacy



Original Color

72.0300, 7.8732, -5.2883

Protanomaly

71.7420, 8.0152, -4.1587

Deuteranomaly

72.3400, 7.7204, -2.9292

Tritanomaly

71.6340, 5.1104, -5.8180

Monochromacy



Original Color

72.0300, 7.8732, -5.2883

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0300, 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(66, 72, 88)` looks like.

```
.text, #text, p{  
    color:rgb(66, 72, 88)  
}
```

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(66, 72, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 72, 88) }
```

Border

The CSS property to change the border of an element to YUV 72.0300, 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(66, 72, 88) }
```


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

```
.border{ border-color:rgb(66, 72, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 72, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 72, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 72, 88);  
box-shadow:4px 4px 4px 4px rgb(66, 72, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0300, 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(66, 72, 88) }
```

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

```
.background{ background-color: rgb(66, 72,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor