

Converting Colors

YUV(72.0730, -3.9800, 16.5990)

Have a look what the booklet for
YUV(72.0730, -3.9800, 16.5990)
contains.

YUV(72.0730, -3.9800, 16.5990)	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(72.0730, -3.9800,
16.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4040
RGB	91, 64, 64
RGB Percent	36%, 25%, 25%
CMY	0.6431, 0.7490, 0.7490
CMYK	0.00, 0.30, 0.30, 0.64
HSL	0°, 17%, 30%
HSV	0°, 30%, 36%
XYZ	7.0732, 6.2611, 5.6862
YIQ	72.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

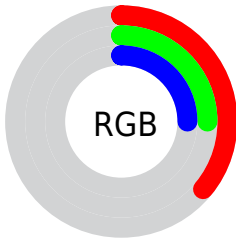
Format	Color
R_YB	91, 64, 64
Decimal	5980224
CIE Lab	30.06, 11.77, 4.66
CIE LCh	30, 12.658, 21.603
Yxy	6.2611, 0.3719, 0.3292
Android (android.graphics.Color)	4284170304 (0xFF5B4040)
YUV	72.0730, -3.9800, 16.5990
Hunter-Lab	25.0222, 6.6690, 4.0421

Details

The YUV color **72.0730, -3.9800, 16.5990** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.9270, 3.9800, -16.5990**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9700, -4.4222, 18.4433**, and **27.9910, -2.9536, 14.0399** is the 20% darker color. If you saturate the color by 10%, you get **65.7640, -5.3067, 22.1320**, and if you desaturate by 10%, it is **78.3820, -2.6533, 11.0660**.

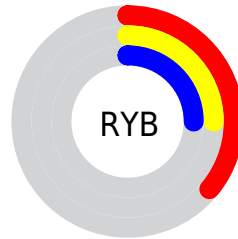
Distribution



 Red (36%)

 Green (25%)

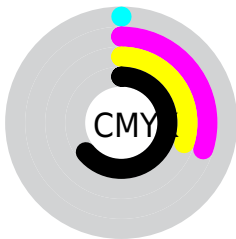
 Blue (25%)



 Red (36%)

 Yellow (25%)

 Blue (25%)

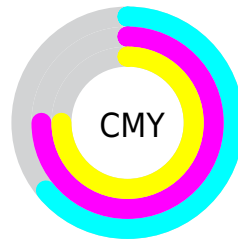


 Cyan (0%)

 Magenta (30%)

 Yellow (30%)

 Black (64%)



 Cyan (64%)

 Magenta (75%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0730, -3.9800, 16.5990 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 72.0730, -3.9800, 16.5990 by changing the saturation by 10% instead.

■ 72.0730, -3.9800,
16.5990

■ 72.0730, -3.9800,
16.5990

■ 255.0000, 0.0000,
0.0000

■ 49.4750, -3.6852,
15.3694

■ 120.9700, -4.4222,
18.4433

■ 27.9910, -2.9536,
14.0399

■ 146.5680, -4.7170,
19.6729

■ 7.1760, -3.5378,
14.7546

■ 173.4540, -5.1538,
19.7728

■ 0.0000, 0.0000,
0.0000

■ 200.7530, -5.3012,
20.3876

■ 229.0520, -5.4486,
21.0024

■ 249.3920, -1.1793,

4.9182

■ 72.0730, -3.9800,
16.5990

■ 72.0730, -3.9800,
16.5990

■ 65.7640, -5.3067,
22.1320

■ 78.3820, -2.6533,
11.0660

■ 59.4550, -6.6333,
27.6650

■ 84.6910, -1.3267,
5.5330

■ 53.1460, -7.9600,
33.1980

■ 91.0000, 0.0000,
0.0000

■ 46.8370, -9.2866,
38.7310

■ 97.3090, 1.3267,
-5.5330

■ 40.5280, -10.6133,
44.2639

■ 104.3190, 2.8007,
-11.6808

■ 33.5180, -12.0874,
50.4117

■ 110.6280, 4.1274,
-17.2138

■ 27.2090, -13.4140,
55.9447

■ 116.9370, 5.4541,
-22.7467

■ 123.2460, 6.7807,
-28.2797

■ 129.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



72.6150, 0.6828, 14.3696



72.0730, -3.9800, 16.5990



71.4380, -7.6109, 14.5249

Triad

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



72.0730, -3.9800, 16.5990



68.2780, -5.0671, -8.1368



69.5560, 10.0789, -12.7656

Complementary

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



72.0730, -3.9800, 16.5990



82.9270, 3.9800, -16.5990

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.



67.2840, 9.2270, -19.5431



72.0730, -3.9800, 16.5990



67.0150, 0.4856, -15.7992

Square

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



72.0730, -3.9800, 16.5990



69.4210, -8.5886, 1.3848



66.3610, 5.7380, -20.4876



71.2800, 8.7360, -1.9996

Rectangle

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



72.0730, -3.9800, 16.5990



70.9600, -9.3473, 11.4361



66.3610, 5.7380, -20.4876



68.2460, 10.2317, -15.1247

Sweetspot

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



72.0730, -3.9800, 16.5990



109.9900, -1.4741, 6.1478



75.1510, 7.8136, 13.8996



54.0930, -1.0318, 4.3034



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.



72.0730, -3.9800, 16.5990



87.5580, -6.1911, 25.8206



80.2910, -8.0315, 9.3918



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021

Inverse Universe

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



82.9270, 3.9800, -16.5990



104.4420, 6.1911, -25.8206



75.2960, 7.7421, -9.9066



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Previews

White Background



This preview shows how the YUV color 72.0730, -3.9800, 16.5990 looks on a white background.

Color Contrast Check

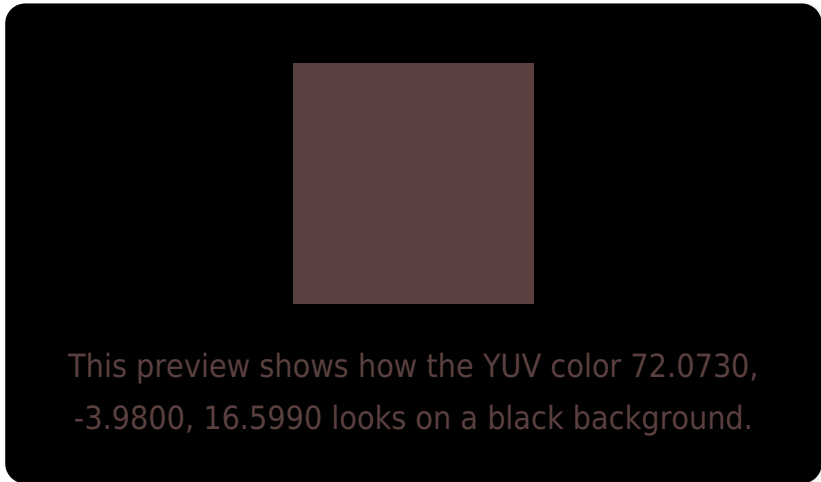
Large Text (above 18pt) WCAG AA ✓ Pass

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

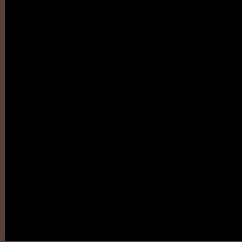
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0730, -3.9800, 16.5990

Background



This preview shows how black text looks on a background with the YUV color 72.0730, -3.9800, 16.5990.

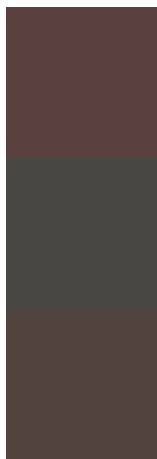


This preview shows how white text looks on a background with the YUV color 72.0730, -3.9800,

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

72.0730, -3.9800, 16.5990

Protanopia

71.2560, -1.6052, 1.5295

Deuteranopia

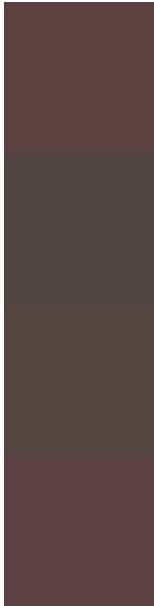
71.3170, -4.1003, 8.4920



Tritanopia

71.9420, -1.9434, 16.7139

Trichromacy



Original Color

72.0730, -3.9800, 16.5990

Protanomaly

71.4740, -2.2057, 7.4773

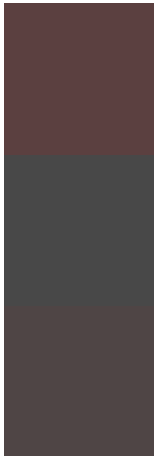
Deuteranomaly

71.9260, -4.4005, 11.4659

Tritanomaly

71.8280, -2.3802, 16.8138

Monochromacy



Original Color

72.0730, -3.9800, 16.5990

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0730, -3.9800, 16.5990 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(91, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(91, 64, 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(91, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 64, 64) }
```

Border

The CSS property to change the border of an element to YUV 72.0730, -3.9800, 16.5990 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(91, 64, 64) }
```


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

```
.border{ border-color:rgb(91, 64, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 64, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(91, 64, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0730, -3.9800, 16.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 64, 64) }
```

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

```
.background{ background-color: rgb(91, 64,  
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](#).

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