

Converting Colors

YUV(77.9500, -7.3704, 30.7388)

Have a look what the booklet for
YUV(77.9500, -7.3704, 30.7388)
contains.

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Color

**YUV(77.9500, -7.3704,
30.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	713F3F
RGB	113, 63, 63
RGB Percent	44%, 25%, 25%
CMY	0.5569, 0.7529, 0.7529
CMYK	0.00, 0.44, 0.44, 0.56
HSL	0°, 28%, 35%
HSV	0°, 44%, 44%
XYZ	9.4848, 7.4246, 5.6358
YIQ	77.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

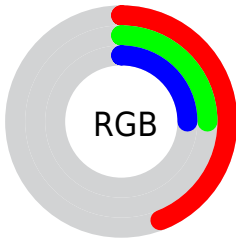
Format	Color
R_{YB}	113, 63, 63
Decimal	7421759
CIE Lab	32.75, 21.77, 9.52
CIE LCh	33, 23.760, 23.631
Yxy	7.4246, 0.4207, 0.3293
Android (android.graphics.Color)	4285611839 (0xFF713F3F)
YUV	77.9500, -7.3704, 30.7388
Hunter-Lab	27.2481, 14.4496, 6.8106

Details

The YUV color **77.9500, -7.3704, 30.7388** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **98.0500, 7.3703, -30.7389**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3310, -8.5442, 33.9127**, and **31.4980, -5.1755, 26.7503** is the 20% darker color. If you saturate the color by 10%, you get **70.2390, -8.9918, 37.5014**, and if you desaturate by 10%, it is **85.6610, -5.7489, 23.9763**.

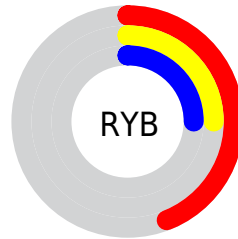
Distribution



Red (44%)

Green (25%)

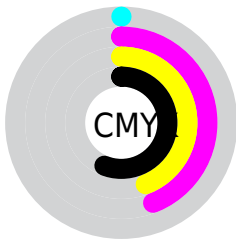
Blue (25%)



Red (44%)

Yellow (25%)

Blue (25%)

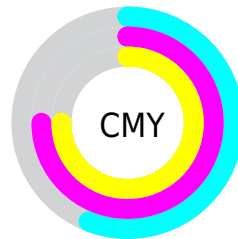


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (56%)



Cyan (56%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9500, -7.3704, 30.7388 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 77.9500, -7.3704, 30.7388 by changing the saturation by 10% instead.

■ 77.9500, -7.3704,
30.7388

■ 77.9500, -7.3704,
30.7388

■ 255.0000, 0.0000,
0.0000

■ 54.1670, -6.4913,
28.7945

■ 128.3310, -8.5442,
33.9127

■ 31.4980, -5.1755,
26.7503

■ 154.2280, -8.9864,
35.7570

■ 12.2590, -6.0437,
25.2059

■ 181.4130, -9.5706,
36.4718

■ 0.0000, 0.0000,
0.0000

■ 209.0110, -9.8654,
37.7014

■ 229.5360, -6.1802,
22.3319

■ 249.7510, -2.3422,

4.6034

■ 77.9500, -7.3704,
30.7388

■ 77.9500, -7.3704,
30.7388

■ 70.2390, -8.9918,
37.5014

■ 85.6610, -5.7489,
23.9763

■ 61.8270, -10.7607,
44.8787

■ 94.0730, -3.9800,
16.5990

■ 54.1160, -12.3822,
51.6413

■ 101.7840, -2.3585,
9.8364

■ 46.4050, -14.0037,
58.4038

■ 109.4950, -0.7370,
3.0739

■ 37.9930, -15.7725,
65.7811

■ 117.2060, 0.8844,
-3.6887

■ 33.7870, -16.6570,
69.4698

■ 125.6180, 2.6533,
-11.0660

■ 133.3290, 4.2748,
-17.8285

■ 141.0400, 5.8963,
-24.5911

■ 149.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



78.6320, 1.6604, 27.5097



77.9500, -7.3704, 30.7388



77.0820, -14.3374, 25.3611

Triad

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



77.9500, -7.3704, 30.7388



71.5990, -8.6763, -17.1883



71.9160, 20.7474, -27.9903

Complementary

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



77.9500, -7.3704, 30.7388



98.0500, 7.3703, -30.7389

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.



62.0930, 22.1392, -54.4556



77.9500, -7.3704, 30.7388



66.4530, 2.7347, -37.2313

Square

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



77.9500, -7.3704, 30.7388



73.8740, -15.7139, 0.1105



61.4430, 14.5716, -53.8855



77.9190, 16.3089, -4.3140

Rectangle

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



77.9500, -7.3704, 30.7388



76.2400, -17.3733, 19.0835



61.4430, 14.5716, -53.8855



68.7900, 21.7955, -37.5268

Sweetspot

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



77.9500, -7.3704, 30.7388



134.6810, -2.8007, 11.6808



83.6500, 14.4695, 25.7399



65.5880, -1.7689, 7.3773



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



77.9500, -7.3704, 30.7388



93.3220, -11.4977, 47.9526



92.6250, -14.6051, 17.8689



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



98.0500, 7.3703, -30.7389



124.6780, 11.4977, -47.9526



83.3750, 14.6051, -17.8689



54.2060, 0.8844, -3.6887



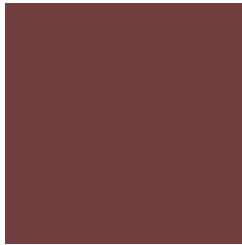
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 77.9500, -7.3704, 30.7388 looks on a white background.

Color Contrast Check

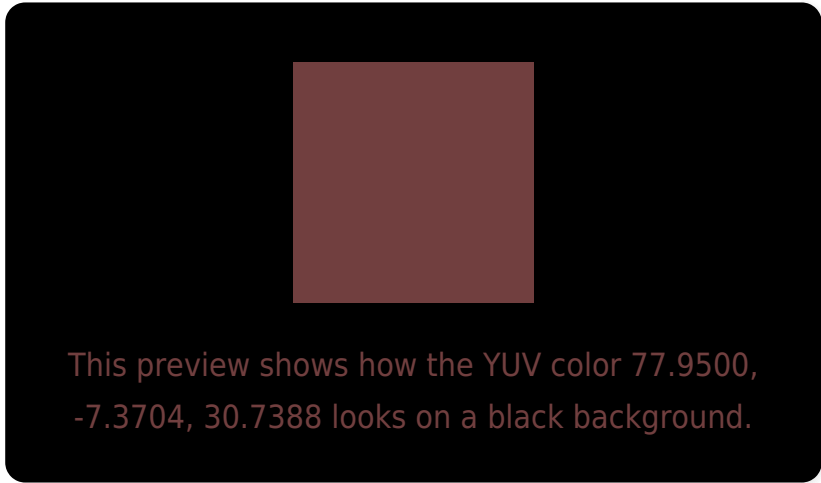
Large Text (above 18pt) WCAG AA ✓ Pass

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

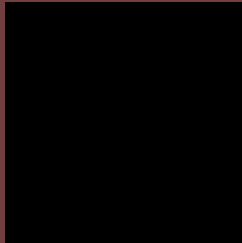
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9500, -7.3704, 30.7388

Background



This preview shows how black text looks on a background with the YUV color 77.9500, -7.3704, 30.7388.

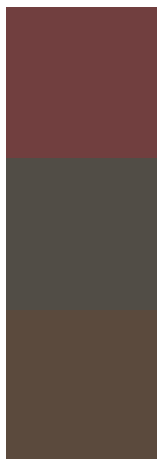


This preview shows how white text looks on a background with the YUV color 77.9500, -7.3704,

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

77.9500, -7.3704, 30.7388

Protanopia

77.3980, -3.6472, 3.1590

Deuteranopia

77.6010, -8.1843, 11.7509



Tritanopia

77.8190, -5.3338, 30.8537

Trichromacy



Original Color

77.9500, -7.3704, 30.7388

Protanomaly

77.7090, -5.2795, 13.4102

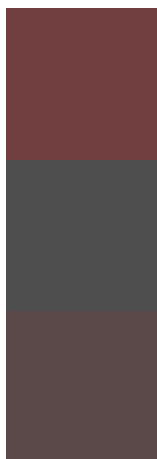
Deuteranomaly

77.7590, -7.7692, 18.6284

Tritanomaly

77.7050, -5.7706, 30.9537

Monochromacy



Original Color

77.9500, -7.3704, 30.7388

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.3820, -2.6533, 11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9500, -7.3704, 30.7388 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(113, 63, 63)` looks like.

```
.text, #text, p{  
    color:rgb(113, 63, 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(113, 63, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 63, 63) }
```

Border

The CSS property to change the border of an element to YUV 77.9500, -7.3704, 30.7388 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(113, 63, 63) }
```


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

```
.border{ border-color:rgb(113, 63, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 63, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 63, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 63, 63);  
box-shadow:4px 4px 4px 4px rgb(113, 63,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 77.9500, -7.3704, 30.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 63, 63) }
```

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

```
.background{ background-color: rgb(113, 63,  
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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