

Converting Colors

YUV(70.5500, -30.8372,
44.2446)

Have a look what the booklet for
YUV(70.5500, -30.8372, 44.2446)
contains.

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Color

**YUV(70.5500, -30.8372,
44.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	793908
RGB	121, 57, 8
RGB Percent	47%, 22%, 3%
CMY	0.5255, 0.7765, 0.9686
CMYK	0.00, 0.53, 0.93, 0.53
HSL	26°, 88%, 25%
HSV	26°, 93%, 47%
XYZ	9.3921, 7.0087, 1.0875
YIQ	70.5500, 53.8730, -1.6710

Conversions

Conversions Part 2

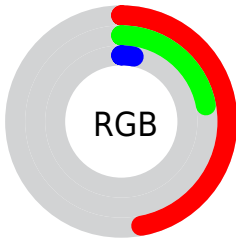
Format	Color
RYB	121, 95, 8
Decimal	7944456
CIELab	31.83, 25.01, 39.39
CIELCh	32, 46.658, 57.587
Yxy	7.0087, 0.5370, 0.4008
Android (android.graphics.Color)	4286134536 (0xFF793908)
YUV	70.5500, -30.8372, 44.2446
Hunter-Lab	26.4740, 16.9964, 16.0962

Details

The YUV color **70.5500, -30.8372, 44.2446** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **58.4500, 30.8371, -44.2447**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5400, -32.3112, 50.3924**, and **26.1910, -12.9122, 34.9125** is the 20% darker color. If you saturate the color by 10%, you get **66.7030, -32.8846, 47.6185**, and if you desaturate by 10%, it is **76.0270, -27.6213, 39.4413**.

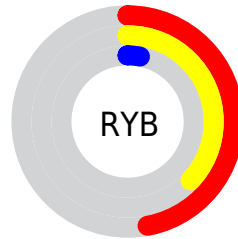
Distribution



Red (47%)

Green (22%)

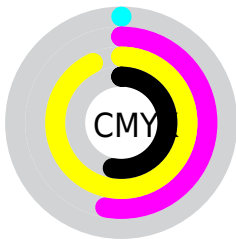
Blue (3%)



Red (47%)

Yellow (37%)

Blue (3%)

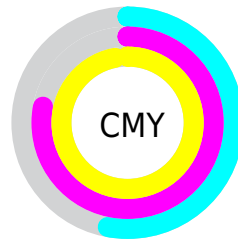


Cyan (0%)

Magenta (53%)

Yellow (93%)

Black (53%)



Cyan (53%)


Magenta (78%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.5500, -30.8372, 44.2446 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 70.5500, -30.8372, 44.2446 by changing the saturation by 10% instead.


 70.5500, -30.8372,
44.2446

 70.5500, -30.8372,
44.2446


 253.4040, -6.1152,
1.3997


 47.7650, -23.5481,
39.6711


 121.5400,
-32.3112, 50.3924


 26.1910, -12.9122,
34.9125


 148.2090,
-33.6270, 52.4367

 12.5580, -6.1911,
25.8206

 175.2910,
-34.6535, 54.9958

 0.0000, 0.0000,
0.0000

 199.1870,
-33.6162, 48.9480

 218.5870,
-30.3624, 31.9342

 238.6880,

-26.9612, 14.3056

■ 250.0980,
-18.7823, 4.2991

■ 70.5500, -30.8372,
44.2446

■ 70.5500, -30.8372,
44.2446

■ 66.7030, -32.8846,
47.6185

■ 76.0270, -27.6213,
39.4413

■ 81.5040, -24.4055,
34.6380

■ 86.9810, -21.1896,
29.8347

■ 91.8710, -17.6844,
25.5461

■ 97.3480, -14.4686,
20.7428

■ 102.9390,
-10.8159, 15.8395

■ 108.4160, -7.6001,
11.0362

■ 113.8930, -4.3842,
6.2328

■ 119.3700, -1.1684,
1.4295

Harmonies

Analogous

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



69.3450, -12.9881, 59.3334



70.5500, -30.8372, 44.2446



70.3700, -34.6924, 20.7235

Triad

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



70.5500, -30.8372, 44.2446



61.5110, 4.6781, -53.9451



74.4360, 32.3231, -7.3984

Complementary

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



70.5500, -30.8372, 44.2446



58.4500, 30.8371, -44.2447

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.



63.9460, 41.9316, -56.0806



70.5500, -30.8372, 44.2446



65.7290, 20.8396, -57.6443

Square

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



70.5500, -30.8372, 44.2446



55.4180, -11.0521, -48.6016



67.2740, 34.3749, -58.9993



75.6710, 19.3892, 34.4915

Rectangle

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



70.5500, -30.8372, 44.2446



68.1890, -33.6172, 2.4652



67.2740, 34.3749, -58.9993



69.2590, 37.3403, -30.0451

Sweetspot

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



70.5500, -30.8372, 44.2446



138.3090, -11.9843, 17.2690



49.0830, 11.2981, 63.0712



67.1170, -7.4527, 10.4214



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



70.5500, -30.8372, 44.2446



87.7450, -43.2583, 61.6136



103.4220, -47.0430, 15.4159



58.5550, -1.7526, 2.1443



69.0730, -34.0530, 49.0480



139.3310, -68.6902, 98.8107

Inverse Universe

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



58.4500, 30.8371, -44.2447



70.8420, 42.9689, -62.1284



25.5780, 47.0430, -15.4159



58.0320, 1.4632, -2.6591



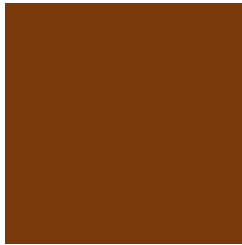
55.9270, 34.0530, -49.0480



112.6690, 68.6902, -98.8107

Previews

White Background



This preview shows how the YUV color 70.5500, -30.8372, 44.2446 looks on a white background.

Color Contrast Check

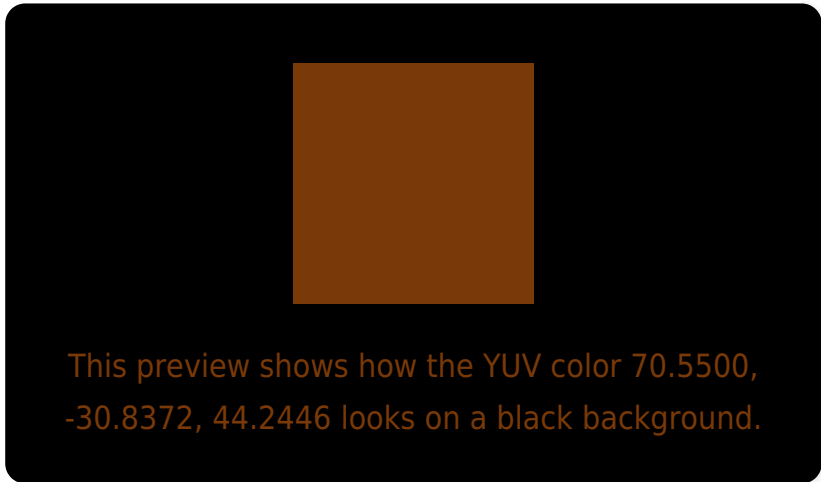
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.5500, -30.8372, 44.2446

Background



This preview shows how black text looks on a background with the YUV color 70.5500, -30.8372, 44.2446.



This preview shows how white text looks on a background with the YUV color 70.5500, -30.8372,

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

70.5500, -30.8372, 44.2446

Protanopia

71.6230, -28.4081, 11.7316

Deuteranopia

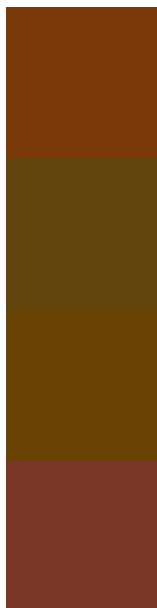
70.9680, -34.9872, 21.9531



Tritanopia

74.3860, -8.5713, 42.6345

Trichromacy



Original Color

70.5500, -30.8372, 44.2446

Protanomaly

71.1730, -29.1723, 23.5273

Deuteranomaly

71.0660, -33.5565, 29.7601

Tritanomaly

72.6220, -16.5756, 43.3045

Monochromacy



Original Color

70.5500, -30.8372, 44.2446

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8250, -11.2527, 15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5500, -30.8372, 44.2446 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(121, 57, 8)` looks like.

```
.text, #text, p{  
    color:rgb(121, 57, 8)  
}
```

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(121, 57, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 57, 8) }
```

Border

The CSS property to change the border of an element to YUV 70.5500, -30.8372, 44.2446 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(121, 57, 8) }
```


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

```
.border{ border-color:rgb(121, 57, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 57, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 57, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 57, 8);  
box-shadow:4px 4px 4px 4px rgb(121, 57, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5500, -30.8372, 44.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 57, 8) }
```

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

```
.background{ background-color: rgb(121, 57,  
8) }
```

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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