

Converting Colors

YUV(85.4730, -14.0372,
22.3872)

Have a look what the booklet for
YUV(85.4730, -14.0372, 22.3872)
contains.

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Color

**YUV(85.4730, -14.0372,
22.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4E39
RGB	111, 78, 57
RGB Percent	44%, 31%, 22%
CMY	0.5647, 0.6941, 0.7765
CMYK	0.00, 0.30, 0.49, 0.56
HSL	23°, 32%, 33%
HSV	23°, 49%, 44%
XYZ	10.0185, 9.1237, 5.1039
YIQ	85.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

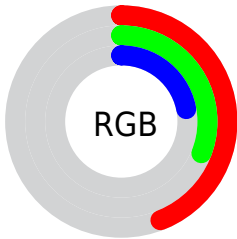
Format	Color
RYB	111, 91, 57
Decimal	7294521
CIELab	36.22, 11.10, 17.92
CIElCh	36, 21.081, 58.241
Yxy	9.1237, 0.4132, 0.3763
Android (android.graphics.Color)	4285484601 (0xFF6F4E39)
YUV	85.4730, -14.0372, 22.3872
Hunter-Lab	30.2055, 6.3448, 11.1254

Details

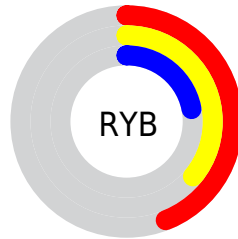
The YUV color $85.4730, -14.0372, 22.3872$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $82.5270, 14.0372, -22.3872$, and the grayscale version is $86.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $135.4410, -15.5004, 25.0462$, and $39.7930, -12.7159, 18.5985$ is the 20% darker color. If you saturate the color by 10%, you get $80.1100, -16.8162, 27.0905$, and if you desaturate by 10%, it is $90.8360, -11.2581, 17.6838$.

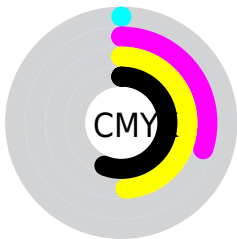
Distribution



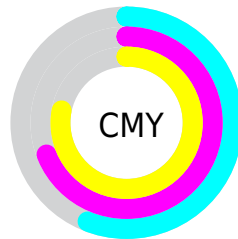
- Red (44%)
- Green (31%)
- Blue (22%)



- Red (44%)
- Yellow (36%)
- Blue (22%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (56%)



- Cyan (56%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4730, -14.0372, 22.3872 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 85.4730, -14.0372, 22.3872 by changing the saturation by 10% instead.

■ 85.4730, -14.0372,
22.3872

■ 85.4730, -14.0372,
22.3872

■ 255.0000, 0.0000,
0.0000

■ 61.9890, -13.3056,
21.0576

■ 135.4410,
-15.5004, 25.0462

■ 39.7930, -12.7159,
18.5985

■ 161.9250,
-16.2320, 26.3758

■ 18.9930, -9.3635,
16.6691

■ 189.2240,
-16.3794, 26.9906

■ 0.0000, 0.0000,
0.0000

■ 216.7080,
-17.1110, 28.3201

■ 238.7170,
-14.1575, 14.2802

■ 253.0620, -7.4256,

1.6996

■ 85.4730, -14.0372,
22.3872

■ 85.4730, -14.0372,
22.3872

■ 80.1100, -16.8162,
27.0905

■ 90.8360, -11.2581,
17.6838

■ 74.7470, -19.5953,
31.7939

■ 96.1990, -8.4791,
12.9805

■ 69.9710, -22.6637,
35.9824

■ 100.9750, -5.4107,
8.7919

■ 64.6080, -25.4427,
40.6858

■ 106.3380, -2.6316,
4.0886

■ 59.2450, -28.2218,
45.3891

■ 111.8150, 0.5842,
-0.7148

■ 58.4300, -28.8060,
46.1039

■ 117.1780, 3.3632,
-5.4181

■ 121.9540, 6.4317,
-9.6067

■ 127.3170, 9.2107,
-14.3100

■ 132.6800, 11.9898,
-19.0134

Harmonies

Analogous

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



86.1130, -7.9437, 27.9649



85.4730, -14.0372, 22.3872



84.4240, -16.4780, 11.9062

Triad

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



85.4730, -14.0372, 22.3872



76.4150, 3.7394, -32.8130



86.3710, 14.1141, -0.3254

Complementary

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



85.4730, -14.0372, 22.3872



82.5270, 14.0372, -22.3872

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.



82.5750, 17.9575, -19.7983



85.4730, -14.0372, 22.3872



73.8680, 13.3761, -43.7342

Square

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



85.4730, -14.0372, 22.3872



80.1690, -6.4923, -17.6882



77.0520, 17.7224, -37.7566



87.4610, 7.6607, 16.2587

Rectangle

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



85.4730, -14.0372, 22.3872



82.8250, -14.7037, 2.7845



77.0520, 17.7224, -37.7566



85.3810, 15.5882, -6.4731

Sweetspot

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



85.4730, -14.0372, 22.3872



134.9750, -5.4107, 8.7919



76.9080, 6.4544, 29.8987



67.8220, -3.3632, 5.4181



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.



85.4730, -14.0372, 22.3872



105.4870, -21.9321, 34.6529



101.3220, -21.8507, 8.4876



53.5550, -1.7526, 2.1443



63.4690, -31.2902, 49.5777



130.2050, -64.1911, 102.4292

Inverse Universe

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



82.5270, 14.0372, -22.3872



101.1000, 21.6427, -35.1677



66.6780, 21.8507, -8.4876



53.0320, 1.4632, -2.6591



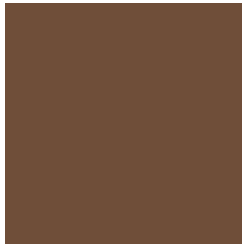
56.5310, 31.2902, -49.5777



116.7950, 64.1911, -102.4292

Previews

White Background



This preview shows how the YUV color 85.4730, -14.0372, 22.3872 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



This preview shows how the YUV color 85.4730, -14.0372, 22.3872 looks on a 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 85.4730, -14.0372, 22.3872

Background



This preview shows how black text looks on a background with the YUV color 85.4730, -14.0372, 22.3872.



This preview shows how white text looks on a background with the YUV color 85.4730, -14.0372,

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

85.4730, -14.0372, 22.3872

Protanopia

84.2430, -11.9518, 6.8029

Deuteranopia

85.3150, -14.4523, 15.5097



Tritanopia

87.0460, -2.9807, 22.7617

Trichromacy



Original Color

85.4730, -14.0372, 22.3872

Protanomaly

84.4610, -12.5523, 12.7507

Deuteranomaly

85.6250, -14.6051, 17.8689

Tritanomaly

86.3080, -7.0538, 22.5319

Monochromacy



Original Color

85.4730, -14.0372, 22.3872

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7900, -4.8265, 8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4730, -14.0372, 22.3872 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(111, 78, 57)` looks like.

```
.text, #text, p{  
    color:rgb(111, 78, 57)  
}
```

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(111, 78, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 78, 57) }
```

Border

The CSS property to change the border of an element to YUV 85.4730, -14.0372, 22.3872 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(111, 78, 57) }
```


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

```
.border{ border-color:rgb(111, 78, 57) }
```

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

Here you see how a box with a 4 pixel rgb(111, 78, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 78, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 78, 57);  
box-shadow:4px 4px 4px 4px rgb(111, 78,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 85.4730, -14.0372, 22.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 78, 57) }
```

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

```
.background{ background-color: rgb(111, 78,  
57) }
```

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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