

Converting Colors

YUV(73.3700, -14.4794,
24.2315)

Have a look what the booklet for
YUV(73.3700, -14.4794, 24.2315)
contains.

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Color

**YUV(73.3700, -14.4794,
24.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	65412C
RGB	101, 65, 44
RGB Percent	40%, 25%, 17%
CMY	0.6039, 0.7451, 0.8275
CMYK	0.00, 0.36, 0.56, 0.60
HSL	22°, 39%, 28%
HSV	22°, 56%, 40%
XYZ	7.7117, 6.7291, 3.2753
YIQ	73.3700, 28.1970, 1.1010

Conversions

Conversions Part 2

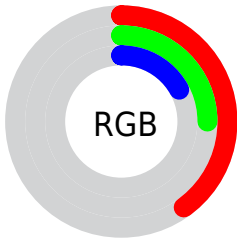
Format	Color
RYB	101, 77, 44
Decimal	6635820
CIELab	31.18, 13.09, 19.15
CIELCh	31, 23.193, 55.649
Yxy	6.7291, 0.4353, 0.3798
Android (android.graphics.Color)	4284825900 (0xFF65412C)
YUV	73.3700, -14.4794, 24.2315
Hunter-Lab	25.9406, 7.6693, 10.6724

Details

The YUV color **73.3700, -14.4794, 24.2315** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **71.6300, 14.4794, -24.2315**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6370, -16.0900, 27.5054**, and **28.4620, -14.0318, 20.6428** is the 20% darker color. If you saturate the color by 10%, you get **68.7080, -17.1110, 28.3201**, and if you desaturate by 10%, it is **78.0320, -11.8478, 20.1429**.

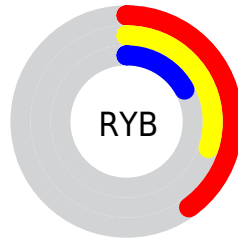
Distribution



Red (40%)

Green (25%)

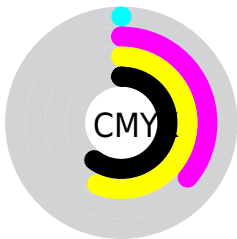
Blue (17%)



Red (40%)

Yellow (30%)

Blue (17%)

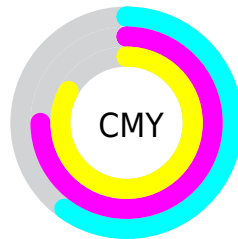


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (60%)



Cyan (60%)

Magenta (75%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3700, -14.4794, 24.2315 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 73.3700, -14.4794, 24.2315 by changing the saturation by 10% instead.

73.3700, -14.4794,
24.2315

73.3700, -14.4794,
24.2315

255.0000, 0.0000,
0.0000

50.5870, -13.6004,
22.2872

122.6370,
-16.0900, 27.5054

28.4620, -14.0318,
20.6428

149.1210,
-16.8217, 28.8349

8.6710, -4.2748,
17.8285

175.6050,
-17.5533, 30.1644

0.0000, 0.0000,
0.0000

203.2030,
-17.8481, 31.3940

227.5010,
-16.5160, 24.1166

247.7160,

-12.6780, 6.3881

254.4300, -2.1840,
0.4999

■ 73.3700, -14.4794,
24.2315

■ 73.3700, -14.4794,
24.2315

■ 68.7080, -17.1110,
28.3201

■ 78.0320, -11.8478,
20.1429

■ 63.4590, -19.4533,
32.9235

■ 83.2810, -9.5055,
15.5396

■ 58.7970, -22.0849,
37.0120

■ 87.9430, -6.8739,
11.4510

■ 53.5480, -24.4272,
41.6154

■ 93.1920, -4.5317,
6.8476

■ 51.9180, -25.5956,
43.0449

■ 97.9680, -1.4632,
2.6591

■ 102.6300, 1.1684,
-1.4295

■ 107.8790, 3.5107,
-6.0329

■ 112.5410, 6.1423,
-10.1215

■ 117.2030, 8.7739,
-14.2100

Harmonies

Analogous

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



74.2380, -7.5123, 29.6093



73.3700, -14.4794, 24.2315



71.9080, -17.2096, 13.2357

Triad

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



73.3700, -14.4794, 24.2315



62.3820, 3.7557, -38.0460



74.4030, 15.5773, -2.9844

Complementary

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



73.3700, -14.4794, 24.2315



71.6300, 14.4794, -24.2315

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.



68.9980, 19.7210, -25.4312



73.3700, -14.4794, 24.2315



58.7530, 14.4188, -51.5264

Square

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



73.3700, -14.4794, 24.2315



67.8270, -7.8027, -17.3883



58.7020, 21.8389, -51.4817



75.8030, 8.9711, 15.9588

Rectangle

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



73.3700, -14.4794, 24.2315



71.0810, -16.3089, 4.3140



58.7020, 21.8389, -51.4817



73.1140, 17.1988, -9.7470

Sweetspot

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



73.3700, -14.4794, 24.2315



119.2740, -5.5581, 9.4067



65.1470, 7.3225, 31.4431



59.8220, -3.3632, 5.4181



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



73.3700, -14.4794, 24.2315



87.0960, -22.2323, 37.6268



89.8060, -22.5824, 9.8171



48.6690, -1.3158, 2.0443



59.0390, -29.1062, 49.0778



124.6010, -61.4283, 102.9589

Inverse Universe

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



71.6300, 14.4794, -24.2315



84.3170, 22.5217, -37.1120



55.1940, 22.5824, -9.8171



48.3310, 1.3158, -2.0443



55.3740, 29.3956, -48.5630



117.3990, 61.4283, -102.9589

Previews

White Background



This preview shows how the YUV color 73.3700, -14.4794, 24.2315 looks on a white background.

Color Contrast Check

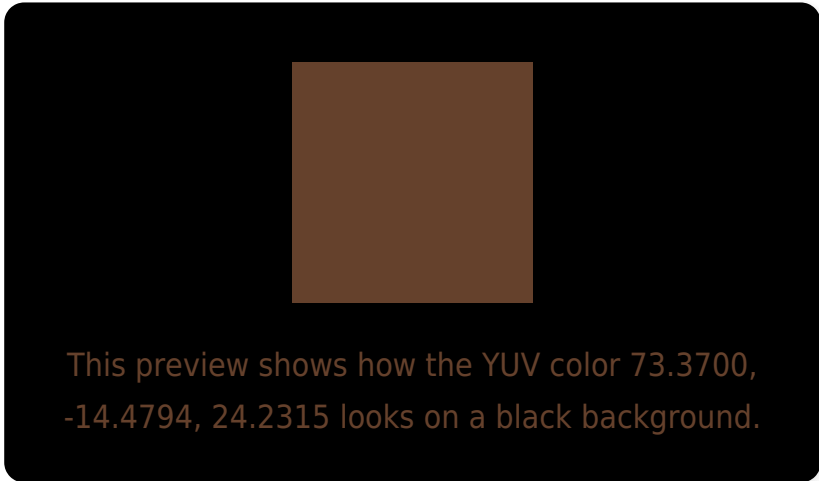
Large Text (above 18pt) WCAG AA ✓ Pass

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

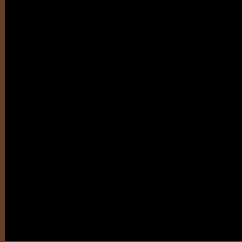
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3700, -14.4794, 24.2315

Background



This preview shows how black text looks on a background with the YUV color 73.3700, -14.4794, 24.2315.

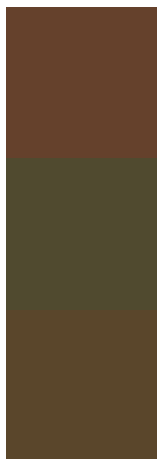


This preview shows how white text looks on a background with the YUV color 73.3700, -14.4794,

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

73.3700, -14.4794, 24.2315

Protanopia

72.7160, -12.6780, 6.3881

Deuteranopia

72.9020, -14.7417, 14.9949



Tritanopia

74.8290, -3.8597, 24.7060

Trichromacy



Original Color

73.3700, -14.4794, 24.2315

Protanomaly

73.2330, -13.4259, 12.9507

Deuteranomaly

72.9240, -14.7525, 18.4837

Tritanomaly

74.2050, -7.4961, 24.3762

Monochromacy



Original Color

73.3700, -14.4794, 24.2315

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3700, -14.4794, 24.2315 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(101, 65, 44)` looks like.

```
.text, #text, p{  
    color:rgb(101, 65, 44)  
}
```

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(101, 65, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 65, 44) }
```

Border

The CSS property to change the border of an element to YUV 73.3700, -14.4794, 24.2315 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(101, 65, 44) }
```


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

```
.border{ border-color:rgb(101, 65, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 65, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 65, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 65, 44);  
box-shadow:4px 4px 4px 4px rgb(101, 65,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 73.3700, -14.4794, 24.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 65, 44) }
```

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

```
.background{ background-color: rgb(101, 65,  
44) }
```

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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