

Converting Colors

YUV(73.8000, -16.6634,
24.7314)

Have a look what the booklet for
YUV(73.8000, -16.6634, 24.7314)
contains.

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Color

**YUV(73.8000, -16.6634,
24.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	664228
RGB	102, 66, 40
RGB Percent	40%, 26%, 16%
CMY	0.6000, 0.7412, 0.8431
CMYK	0.00, 0.35, 0.61, 0.60
HSL	25°, 44%, 28%
HSV	25°, 61%, 40%
XYZ	7.8107, 6.8744, 2.9227
YIQ	73.8000, 29.8020, -0.4540

Conversions

Conversions Part 2

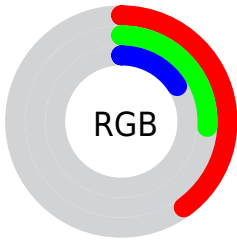
Format	Color
R_{YB}	102, 85, 40
Decimal	6701608
CIE Lab	31.52, 12.56, 22.05
CIE LCh	32, 25.371, 60.337
Yxy	6.8744, 0.4436, 0.3904
Android (android.graphics.Color)	4284891688 (0xFF664228)
YUV	73.8000, -16.6634, 24.7314
Hunter-Lab	26.2191, 7.2920, 11.7442

Details

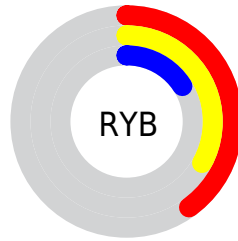
The YUV color **73.8000, -16.6634, 24.7314** is a dark color, and the websafe version is hex **663333**, and the color name is **van dyke brown**. A complement of this color would be **68.2000, 16.6634, -24.7314**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.0670, -18.2740, 28.0052**, and **29.3480, -14.4686, 20.7428** is the 20% darker color. If you saturate the color by 10%, you get **69.1380, -19.2950, 28.8200**, and if you desaturate by 10%, it is **78.4620, -14.0318, 20.6428**.

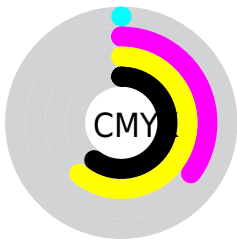
Distribution



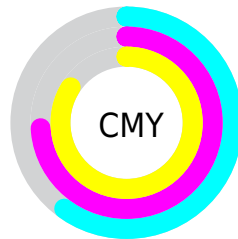
- Red (40%)
- Green (26%)
- Blue (16%)



- Red (40%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (61%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8000, -16.6634, 24.7314 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 73.8000, -16.6634, 24.7314 by changing the saturation by 10% instead.

■ 73.8000, -16.6634,
24.7314

■ 73.8000, -16.6634,
24.7314

■ 255.0000, 0.0000,
0.0000

■ 50.7180, -15.6370,
22.1723

■ 123.0670,
-18.2740, 28.0052

■ 29.3480, -14.4686,
20.7428

■ 149.4370,
-19.4424, 29.4348

■ 8.6710, -4.2748,
17.8285

■ 176.0350,
-19.7373, 30.6643

■ 0.0000, 0.0000,
0.0000

■ 203.5190,
-20.4689, 31.9938

■ 227.5180,
-18.9894, 24.1017

■ 247.7330,

-15.1514, 6.3732

253.9740, -3.9312,
0.8998

73.8000, -16.6634,
24.7314

73.8000, -16.6634,
24.7314

69.1380, -19.2950,
28.8200

78.4620, -14.0318,
20.6428

64.4760, -21.9267,
32.9085

83.1240, -11.4001,
16.5543

59.7000, -24.9951,
37.0971

87.9000, -8.3317,
12.3657

55.7390, -27.4793,
40.5709

92.5620, -5.7001,
8.2771

97.2240, -3.0684,
4.1886

■ 101.8860, -0.4368,
0.1000

■ 105.9610, 2.4842,
-3.4738

■ 110.7370, 5.5527,
-7.6623

■ 115.3990, 8.1843,
-11.7509

Harmonies

Analogous

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



74.6790, -9.7017, 31.8535



73.8000, -16.6634, 24.7314



72.4410, -18.9514, 11.8912

Triad

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



73.8000, -16.6634, 24.7314



57.7440, 8.0142, -50.6415



75.5390, 16.0033, 0.4043

Complementary

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



73.8000, -16.6634, 24.7314



68.2000, 16.6634, -24.7314

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.



70.1660, 21.6102, -24.7016



73.8000, -16.6634, 24.7314



60.0240, 16.7502, -52.6410

Square

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



73.8000, -16.6634, 24.7314



67.1360, -6.4760, -22.9213



59.8590, 23.7335, -52.4963



76.7110, 8.5235, 19.5475

Rectangle

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



73.8000, -16.6634, 24.7314



71.1300, -17.3191, 1.6400



59.8590, 23.7335, -52.4963



74.0650, 18.2090, -7.0730

Sweetspot

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



73.8000, -16.6634, 24.7314



122.0460, -6.4317, 9.6067



62.6420, 6.5855, 34.5170



59.7080, -3.8000, 5.5181



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.



73.8000, -16.6634, 24.7314



88.4830, -25.8741, 39.0414



91.9970, -25.6345, 8.7726



48.6690, -1.3158, 2.0443



62.5610, -30.8426, 45.9890



132.2320, -65.1904, 96.2665

Inverse Universe

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



68.2000, 16.6634, -24.7314



79.9300, 26.1635, -38.5266



50.0030, 25.6345, -8.7726



48.3310, 1.3158, -2.0443



52.4390, 30.8426, -45.9890



110.3550, 64.9010, -96.7813

Previews

White Background



This preview shows how the YUV color 73.8000, -16.6634, 24.7314 looks on a white background.

Color Contrast Check

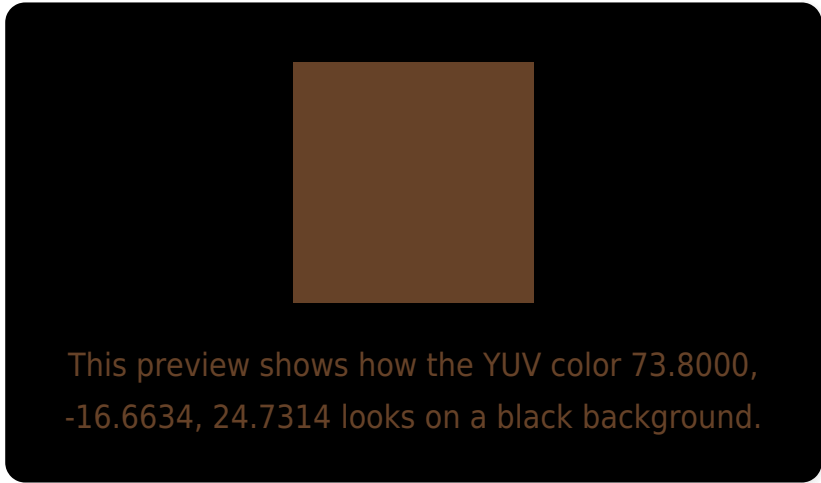
Large Text (above 18pt) WCAG AA ✓ Pass

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

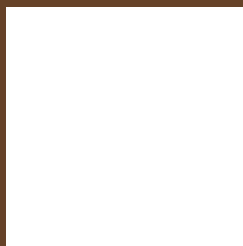
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.8000, -16.6634, 24.7314

Background



This preview shows how black text looks on a background with the YUV color 73.8000, -16.6634, 24.7314.



This preview shows how white text looks on a background with the YUV color 73.8000, -16.6634,

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

73.8000, -16.6634, 24.7314

Protanopia

73.4450, -15.0094, 7.5027

Deuteranopia

73.3320, -16.9257, 15.4948



Tritanopia

75.7150, -4.2965, 24.8059

Trichromacy



Original Color

73.8000, -16.6634, 24.7314

Protanomaly

73.6630, -15.6099, 13.4505

Deuteranomaly

73.3540, -16.9365, 18.9835

Tritanomaly

74.8630, -8.8065, 24.6761

Monochromacy



Original Color

73.8000, -16.6634, 24.7314

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8610, -5.8475, 8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8000, -16.6634, 24.7314 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(102, 66, 40)` looks like.

```
.text, #text, p{  
    color:rgb(102, 66, 40)  
}
```

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(102, 66, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 66, 40) }
```

Border

The CSS property to change the border of an element to YUV 73.8000, -16.6634, 24.7314 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(102, 66, 40) }
```


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

```
.border{ border-color:rgb(102, 66, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 66, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 66, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 66, 40);  
box-shadow:4px 4px 4px 4px rgb(102, 66,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 73.8000, -16.6634, 24.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 66, 40) }
```

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

```
.background{ background-color: rgb(102, 66,  
40) }
```

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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