

Converting Colors

YUV(73.8740, -15.7139, 0.1105)

Have a look what the booklet for
YUV(73.8740, -15.7139, 0.1105)
contains.

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Color

**YUV(73.8740, -15.7139,
0.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	4A502A
RGB	74, 80, 42
RGB Percent	29%, 31%, 16%
CMY	0.7098, 0.6863, 0.8353
CMYK	0.07, 0.00, 0.48, 0.69
HSL	69°, 31%, 24%
HSV	69°, 48%, 31%
XYZ	6.1106, 7.3603, 3.2891
YIQ	73.8740, 8.6220, -13.0900

Conversions

Conversions Part 2

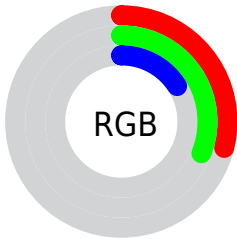
Format	Color
RYB	42, 80, 48
Decimal	4870186
CIELab	32.61, -9.24, 21.53
CIElCh	33, 23.427, 113.226
Yxy	7.3603, 0.3646, 0.4392
Android (android.graphics.Color)	4283060266 (0xFF4A502A)
YUV	73.8740, -15.7139, 0.1105
Hunter-Lab	27.1299, -7.2729, 11.8029

Details

The YUV color **73.8740, -15.7139, 0.1105** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48.1260, 15.7139, -0.1105**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8310, -17.1717, 1.0252**, and **29.8140, -14.6983, 1.0401** is the 20% darker color. If you saturate the color by 10%, you get **72.6630, -19.0609, 0.2955**, and if you desaturate by 10%, it is **75.0850, -12.3669, -0.0745**.

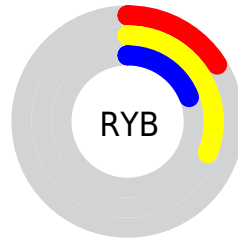
Distribution



Red (29%)

Green (31%)

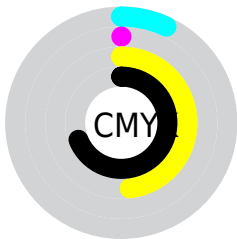
Blue (16%)



Red (16%)

Yellow (31%)

Blue (19%)

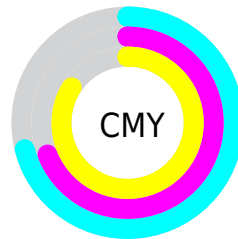


Cyan (7%)

Magenta (0%)

Yellow (48%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8740, -15.7139, 0.1105 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 73.8740, -15.7139, 0.1105 by changing the saturation by 10% instead.

■ 73.8740, -15.7139,
0.1105

■ 73.8740, -15.7139,
0.1105

■ 255.0000, 0.0000,
0.0000

■ 51.1020, -14.8403,
-0.0895

■ 122.8310,
-17.1717, 1.0252

■ 29.8140, -14.6983,
1.0401

■ 148.7170,
-17.6085, 1.1252

■ 8.8050, -4.3409,
-7.7220

■ 175.6030,
-18.0453, 1.2252

■ 0.0000, 0.0000,
0.0000

■ 203.0760,
-18.7715, 0.8103

■ 230.9620,
-19.2083, 0.9103

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

73.8740, -15.7139,
0.1105

73.8740, -15.7139,
0.1105

72.6630, -19.0609,
0.2955

75.0850, -12.3669,
-0.0745

71.1530, -22.2604,
-0.1342

76.5950, -9.1673,
0.3552

69.9420, -25.6074,
0.0509

77.8060, -5.8204,
0.1701

68.7310, -28.9544,
0.2359

79.0170, -2.4734,
-0.0149

67.5200, -32.3014,
0.4210

80.2280, 0.8736,
-0.2000

■ 66.9930, -33.0275,
0.0061

■ 81.7380, 4.0732,
0.2298

■ 82.9490, 7.4201,
0.0447

■ 84.1600, 10.7671,
-0.1403

■ 85.3710, 14.1141,
-0.3254

Harmonies

Analogous

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



75.5060, -17.5045, 14.4652



73.8740, -15.7139, 0.1105



71.0120, -8.3869, -16.6735

Triad

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



73.8740, -15.7139, 0.1105



61.3920, 21.9917, -53.8408



78.3330, 1.8078, 26.8950

Complementary

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



73.8740, -15.7139, 0.1105



48.1260, 15.7139, -0.1105

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.



79.3190, 9.7027, 14.6292



73.8740, -15.7139, 0.1105



71.8020, 20.3106, -27.8904

Square

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



73.8740, -15.7139, 0.1105



60.8560, 14.8610, -53.3707



77.0330, 16.7457, -4.4139



77.6510, -7.2229, 30.1241

Rectangle

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



73.8740, -15.7139, 0.1105



68.6560, -1.8024, -28.6393



77.0330, 16.7457, -4.4139



78.7070, 4.5814, 23.9360

Sweetspot

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



73.8740, -15.7139, 0.1105



102.3930, -6.1097, -0.3447



56.8840, -7.3378, 20.2727



52.2620, -4.0732, -0.2298



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



73.8740, -15.7139, 0.1105



95.1700, -24.7338, -0.1491



68.1930, -12.9131, -11.5703



40.2450, -1.5998, -0.2149



87.9470, -43.3579, 0.0465



194.4890, -95.8831, 0.4481

Inverse Universe

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



48.1260, 15.7139, -0.1105



54.5310, 24.8812, -0.4657



53.8070, 12.9131, 11.5703



37.4560, 1.7472, -0.3999



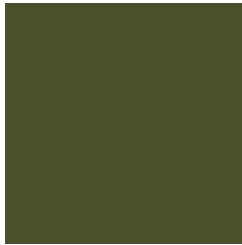
17.0530, 43.3579, -0.0465



37.5110, 95.8831, -0.4481

Previews

White Background



This preview shows how the YUV color 73.8740, -15.7139, 0.1105 looks on a white background.

Color Contrast Check

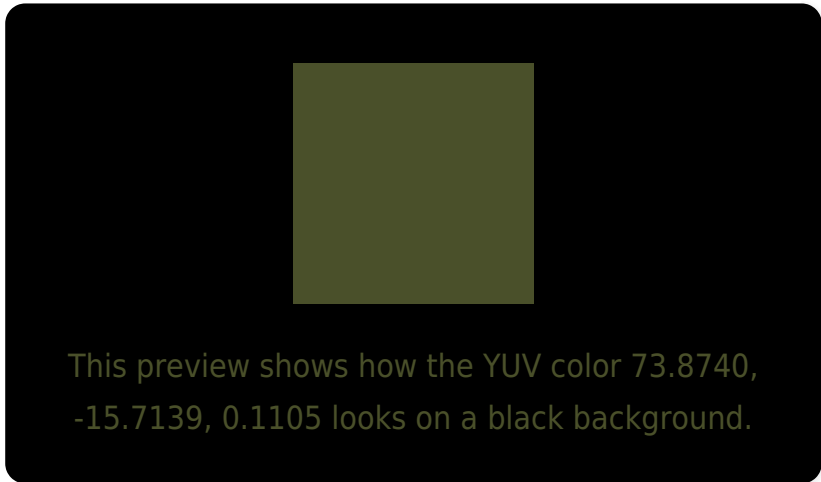
Large Text (above 18pt) WCAG AA ✓ Pass

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

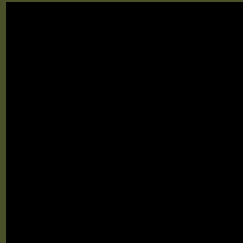
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8740, -15.7139, 0.1105

Background



This preview shows how black text looks on a background with the YUV color 73.8740, -15.7139, 0.1105.



This preview shows how white text looks on a background with the YUV color 73.8740, -15.7139,

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

73.8740, -15.7139, 0.1105

Protanopia

74.9890, -16.7566, 7.9026

Deuteranopia

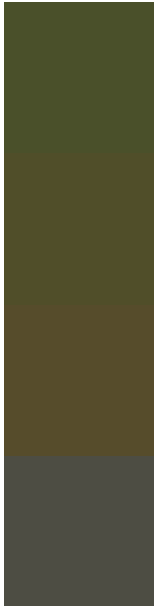
75.6740, -15.6153, 15.1949



Tritanopia

77.5810, 2.1786, 1.2445

Trichromacy



Original Color

73.8740, -15.7139, 0.1105

Protanomaly

74.3800, -16.4563, 4.9287

Deuteranomaly

75.2280, -15.8884, 9.4470

Tritanomaly

75.8600, -4.3680, 0.9998

Monochromacy



Original Color

73.8740, -15.7139, 0.1105

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8060, -5.8204, 0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8740, -15.7139, 0.1105 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(74, 80, 42)` looks like.

```
.text, #text, p{  
    color:rgb(74, 80, 42)  
}
```

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(74, 80, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 80, 42) }
```

Border

The CSS property to change the border of an element to YUV 73.8740, -15.7139, 0.1105 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(74, 80, 42) }
```


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

```
.border{ border-color:rgb(74, 80, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 80, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 80, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 80, 42);  
box-shadow:4px 4px 4px 4px rgb(74, 80, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.8740, -15.7139, 0.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 80, 42) }
```

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

```
.background{ background-color: rgb(74, 80,  
42) }
```

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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