

Converting Colors

YUV(73.4300, -12.0440,
36.4569)

Have a look what the booklet for
YUV(73.4300, -12.0440, 36.4569)
contains.

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Color

**YUV(73.4300, -12.0440,
36.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	733931
RGB	115, 57, 49
RGB Percent	45%, 22%, 19%
CMY	0.5490, 0.7765, 0.8078
CMYK	0.00, 0.50, 0.57, 0.55
HSL	7°, 40%, 32%
HSV	7°, 57%, 45%
XYZ	9.0877, 6.7928, 3.7379
YIQ	73.4300, 37.1360, 9.8080

Conversions

Conversions Part 2

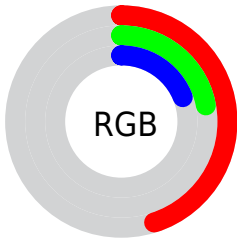
Format	Color
R_{YB}	115, 58, 49
Decimal	7551281
CIE _{Lab}	31.33, 24.62, 16.60
CIE _{LCh}	31, 29.699, 33.991
Yxy	6.7928, 0.4632, 0.3462
Android (android.graphics.Color)	4285741361 (0xFF733931)
YUV	73.4300, -12.0440, 36.4569
Hunter-Lab	26.0631, 16.6294, 9.7409

Details

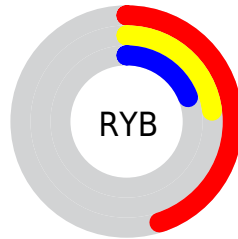
The YUV color **73.4300, -12.0440, 36.4569** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.5700, 12.0440, -36.4569**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.2950, -13.9494, 40.9603**, and **25.5220, -11.5963, 32.8682** is the 20% darker color. If you saturate the color by 10%, you get **66.3060, -13.9549, 42.7046**, and if you desaturate by 10%, it is **80.6680, -9.6963, 30.1092**.

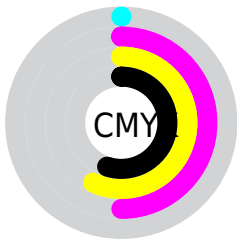
Distribution



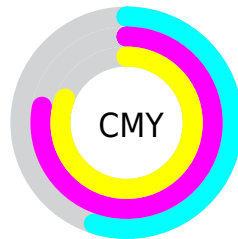
- Red (45%)
- Green (22%)
- Blue (19%)



- Red (45%)
- Yellow (23%)
- Blue (19%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4300, -12.0440, 36.4569 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 73.4300, -12.0440, 36.4569 by changing the saturation by 10% instead.

■ 73.4300, -12.0440,
36.4569

■ 73.4300, -12.0440,
36.4569

■ 255.0000, 0.0000,
0.0000

■ 49.4620, -10.5808,
33.7978

■ 123.2950,
-13.9494, 40.9603

■ 25.5220, -11.5963,
32.8682

■ 149.7790,
-14.6810, 42.2898

■ 12.2590, -6.0437,
25.2059

■ 176.6760,
-15.1233, 44.1341

■ 0.0000, 0.0000,
0.0000

■ 203.8610,
-15.7075, 44.8489

■ 223.4890,
-11.5801, 27.6351

■ 243.7040, -7.7421,

9.9066

■ 73.4300, -12.0440,
36.4569

■ 73.4300, -12.0440,
36.4569

■ 66.3060, -13.9549,
42.7046

■ 80.6680, -9.6963,
30.1092

■ 59.0680, -16.3025,
49.0524

■ 87.7920, -7.7855,
23.8614

■ 51.9440, -18.2134,
55.3001

■ 95.0300, -5.4378,
17.5137

■ 44.7060, -20.5611,
61.6478

■ 102.1540, -3.5269,
11.2659

■ 42.6030, -21.0033,
63.4922

■ 109.9790, -1.4686,
4.4034

■ 117.1030, 0.4422,
-1.8443

■ 124.3410, 2.7899,
-8.1921

■ 131.4650, 4.7008,
-14.4398

■ 138.7030, 7.0484,
-20.7875

Harmonies

Analogous

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



74.5900, -1.2769, 36.3166



73.4300, -12.0440, 36.4569



72.6000, -20.0158, 26.6608

Triad

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



73.4300, -12.0440, 36.4569



63.3090, -5.5753, -31.8430



68.4690, 25.4048, -28.4753

Complementary

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



73.4300, -12.0440, 36.4569



90.5700, 12.0440, -36.4569

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.



60.6570, 26.7911, -53.1962



73.4300, -12.0440, 36.4569



58.5590, 8.5984, -51.3562

Square

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



73.4300, -12.0440, 36.4569



68.6620, -17.5814, -7.5966



61.1810, 18.6448, -53.6557



75.1310, 18.1764, 3.3931

Rectangle

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



73.4300, -12.0440, 36.4569



71.8500, -22.6040, 16.7946



61.1810, 18.6448, -53.6557



61.5590, 28.8114, -47.8482

Sweetspot

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



73.4300, -12.0440, 36.4569



134.2360, -4.5533, 13.8250



75.3460, 15.6054, 34.7766



66.9580, -2.9373, 8.8068



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



73.4300, -12.0440, 36.4569



84.8410, -18.6556, 57.1444



92.8010, -21.5939, 19.4685



54.7940, -0.8844, 3.6887



45.2830, -22.3245, 67.2808



92.3600, -45.5335, 138.2503

Inverse Universe

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



90.5700, 12.0440, -36.4569



112.1590, 18.6556, -57.1444



71.1990, 21.5939, -19.4685



56.6190, 1.1738, -3.1739



77.3040, 22.0351, -67.7956



157.6400, 45.5335, -138.2503

Previews

White Background



This preview shows how the YUV color 73.4300, -12.0440, 36.4569 looks on a white background.

Color Contrast Check

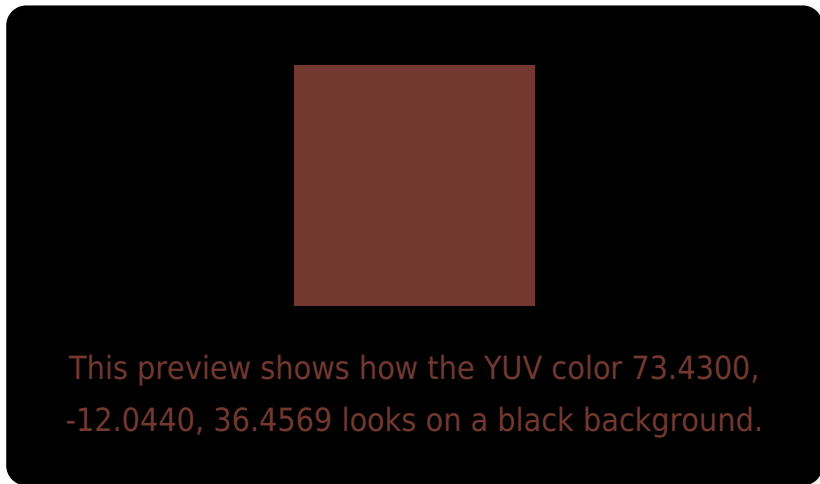
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.4300, -12.0440, 36.4569

Background



This preview shows how black text looks on a background with the YUV color 73.4300, -12.0440, 36.4569.

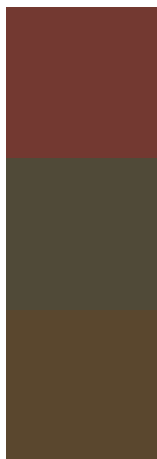


This preview shows how white text looks on a background with the YUV color 73.4300, -12.0440,

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

73.4300, -12.0440, 36.4569

Protanopia

73.7420, -8.7468, 5.4883

Deuteranopia

73.8310, -13.7207, 14.1802



Tritanopia

74.2820, -7.5340, 36.5867

Trichromacy



Original Color

73.4300, -12.0440, 36.4569

Protanomaly

73.7650, -10.2371, 16.8691

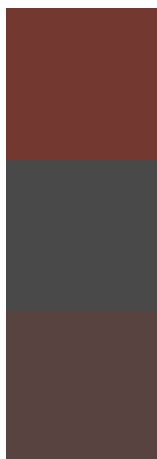
Deuteranomaly

73.7010, -13.1636, 22.1872

Tritanomaly

73.8260, -9.2812, 36.9866

Monochromacy



Original Color

73.4300, -12.0440, 36.4569

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9370, -4.4059, 13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4300, -12.0440, 36.4569 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(115, 57, 49)` looks like.

```
.text, #text, p{  
    color:rgb(115, 57, 49)  
}
```

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(115, 57, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 57, 49) }
```

Border

The CSS property to change the border of an element to YUV 73.4300, -12.0440, 36.4569 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(115, 57, 49) }
```


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

```
.border{ border-color:rgb(115, 57, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 57, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 57, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 57, 49);  
box-shadow:4px 4px 4px 4px rgb(115, 57,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 73.4300, -12.0440, 36.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 57, 49) }
```

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

```
.background{ background-color: rgb(115, 57,  
49) }
```

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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