

Converting Colors

YUV(73.9440, -8.3534, 19.3431)

Have a look what the booklet for
YUV(73.9440, -8.3534, 19.3431)
contains.

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Color

**YUV(73.9440, -8.3534,
19.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	604239
RGB	96, 66, 57
RGB Percent	38%, 26%, 22%
CMY	0.6235, 0.7412, 0.7765
CMYK	0.00, 0.31, 0.41, 0.62
HSL	14°, 25%, 30%
HSV	14°, 41%, 38%
XYZ	7.5106, 6.6786, 4.7641
YIQ	73.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

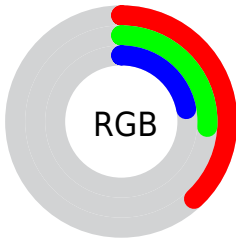
Format	Color
RYB	96, 69, 57
Decimal	6308409
CIELab	31.06, 11.70, 10.67
CIELCh	31, 15.833, 42.364
Yxy	6.6786, 0.3963, 0.3524
Android (android.graphics.Color)	4284498489 (0xFF604239)
YUV	73.9440, -8.3534, 19.3431
Hunter-Lab	25.8431, 6.6510, 7.1601




Details

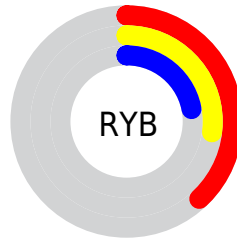
The YUV color **73.9440, -8.3534, 19.3431** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.0560, 8.3534, -19.3431**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **123.0260, -9.3798, 21.9022**, and **29.4490, -7.6164, 16.2692** is the 20% darker color. If you saturate the color by 10%, you get **68.6950, -10.6956, 23.9465**, and if you desaturate by 10%, it is **79.1930, -6.0111, 14.7397**.

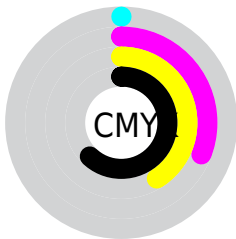
Distribution







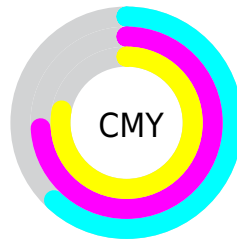
-  Red (38%)
-  Green (26%)
-  Blue (22%)






-  Red (38%)
-  Yellow (27%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (41%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (74%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9440, -8.3534, 19.3431 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 73.9440, -8.3534, 19.3431 by changing the saturation by 10% instead.

73.9440, -8.3534,
19.3431

73.9440, -8.3534,
19.3431

255.0000, 0.0000,
0.0000

51.0470, -7.9112,
17.4988

123.0260, -9.3798,
21.9022

29.4490, -7.6164,
16.2692

149.2110, -9.9640,
22.6170

8.0730, -3.9800,
16.5990

175.8090,
-10.2588, 23.8465

0.0000, 0.0000,
0.0000

203.1080,
-10.4062, 24.4613

229.9120, -9.8166,
22.0022

250.1270, -5.9786,

■ 73.9440, -8.3534,
19.3431

■ 73.9440, -8.3534,
19.3431

■ 68.6950, -10.6956,
23.9465

■ 79.1930, -6.0111,
14.7397

■ 62.9730, -12.3117,
28.9647

■ 84.9150, -4.3951,
9.7215

■ 57.7240, -14.6539,
33.5681

■ 90.1640, -2.0529,
5.1182

■ 52.0020, -16.2700,
38.5862

■ 95.8860, -0.4368,
0.1000

■ 46.7530, -18.6122,
43.1896

■ 101.1350, 1.9054,
-4.5034

■ 41.6180, -20.5177,
47.6930

■ 106.3840, 4.2477,
-9.1068

■ 112.1060, 5.8637,
-14.1250

■ 117.3550, 8.2060,
-18.7283

■ 122.4900, 10.1114,
-23.2317

Harmonies

Analogous

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



74.6220, -3.2646, 20.5025



73.9440, -8.3534, 19.3431



73.1020, -11.3893, 13.0655

Triad

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



73.9440, -8.3534, 19.3431



68.4340, -1.6930, -17.0436



73.3440, 11.6624, -7.3177

Complementary

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



73.9440, -8.3534, 19.3431



79.0560, 8.3534, -19.3431

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.



69.6090, 13.0108, -19.8281



73.9440, -8.3534, 19.3431



66.9150, 5.4649, -26.2355

Square

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



73.9440, -8.3534, 19.3431



70.3060, -7.5459, -6.4074



66.9840, 10.8539, -28.0500



74.5090, 8.1301, 5.6926

Rectangle

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



73.9440, -8.3534, 19.3431



72.5420, -12.0992, 7.4177



66.9840, 10.8539, -28.0500



72.2510, 12.6943, -11.6211

Sweetspot

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



73.9440, -8.3534, 19.3431



116.2460, -3.0793, 7.6773



72.1950, 7.7919, 20.8770



58.8650, -1.9054, 4.5034



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



73.9440, -8.3534, 19.3431



90.4570, -13.0433, 30.2942



85.0970, -13.8518, 9.5619



45.7830, -0.8790, 1.9443



48.7500, -24.0338, 55.4703



104.0450, -51.2942, 119.2325

Inverse Universe

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



79.0560, 8.3534, -19.3431



98.5430, 13.0433, -30.2942



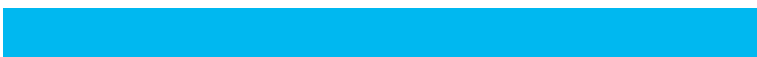
67.9030, 13.8518, -9.5619



46.2170, 0.8790, -1.9443



63.2500, 24.0338, -55.4703



135.3680, 51.5836, -118.7177

Previews

White Background



This preview shows how the YUV color 73.9440, -8.3534, 19.3431 looks on a white background.

Color Contrast Check

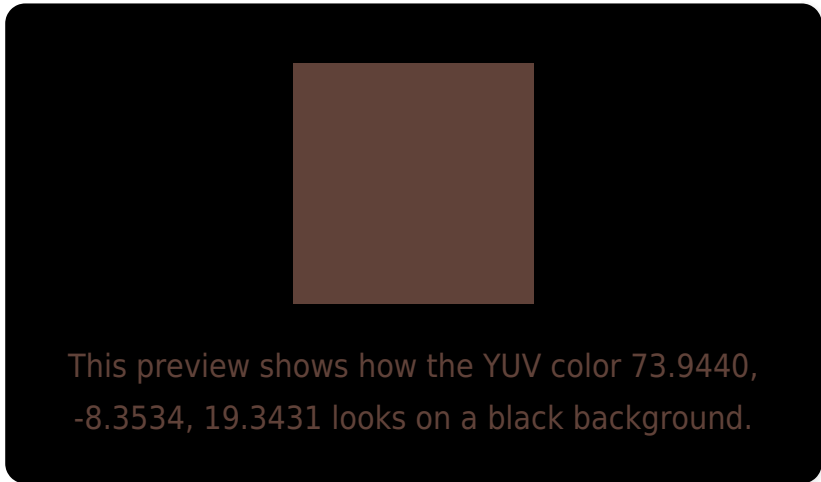
Large Text (above 18pt) WCAG AA ✓ Pass

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

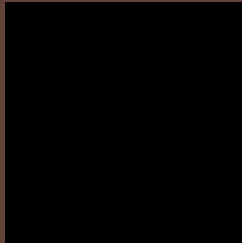
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9440, -8.3534, 19.3431

Background



This preview shows how black text looks on a background with the YUV color 73.9440, -8.3534, 19.3431.

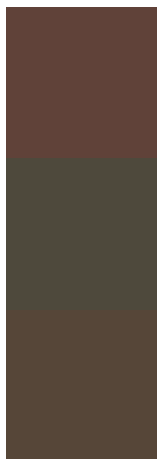


This preview shows how white text looks on a background with the YUV color 73.9440, -8.3534,

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

73.9440, -8.3534, 19.3431

Protanopia

73.0130, -6.4154, 4.3736

Deuteranopia

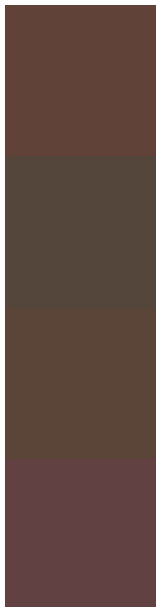
73.1880, -8.4737, 11.2361



Tritanopia

74.4370, -2.6804, 19.7878

Trichromacy



Original Color

73.9440, -8.3534, 19.3431

Protanomaly

73.2310, -7.0159, 10.3214

Deuteranomaly

73.7970, -8.7739, 14.2100

Tritanomaly

74.5680, -4.7170, 19.6729

Monochromacy



Original Color

73.9440, -8.3534, 19.3431

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9470, -2.9319, 7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9440, -8.3534, 19.3431 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(96, 66, 57)` looks like.

```
.text, #text, p{  
    color:rgb(96, 66, 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(96, 66, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 66, 57) }
```

Border

The CSS property to change the border of an element to YUV 73.9440, -8.3534, 19.3431 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(96, 66, 57) }
```


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

```
.border{ border-color:rgb(96, 66, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 66, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 66, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 66, 57);  
box-shadow:4px 4px 4px 4px rgb(96, 66, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.9440, -8.3534, 19.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 66, 57) }
```

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

```
.background{ background-color: rgb(96, 66,  
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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