

Converting Colors

YUV(73.2460, 3.8227, 33.9873)

Have a look what the booklet for
YUV(73.2460, 3.8227, 33.9873)
contains.

YUV(73.2460, 3.8227, 33.9873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.2460, 3.8227,
33.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	703451
RGB	112, 52, 81
RGB Percent	44%, 20%, 32%
CMY	0.5608, 0.7961, 0.6824
CMYK	0.00, 0.54, 0.28, 0.56
HSL	331°, 37%, 32%
HSV	331°, 54%, 44%
XYZ	9.3953, 6.4948, 8.5430
YIQ	73.2460, 26.4510, 21.7390

Conversions

Conversions Part 2

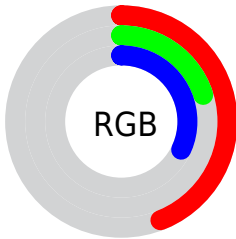
Format	Color
R_{YB}	112, 52, 81
Decimal	7353425
CIE _{Lab}	30.63, 30.20, -5.23
CIE _{LCh}	31, 30.652, 350.180
Yxy	6.4948, 0.3845, 0.2658
Android (android.graphics.Color)	4285543505 (0xFF703451)
YUV	73.2460, 3.8227, 33.9873
Hunter-Lab	25.4849, 21.2073, -2.0357

Details

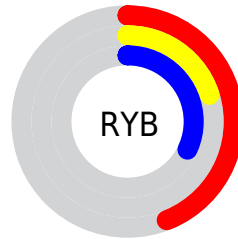
The YUV color **73.2460, 3.8227, 33.9873** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.7540, -3.8227, -33.9873**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7410, 3.0857, 37.0611**, and **24.4030, 5.7173, 32.9726** is the 20% darker color. If you saturate the color by 10%, you get **66.1050, 4.3852, 40.2499**, and if you desaturate by 10%, it is **80.3870, 3.2602, 27.7246**.

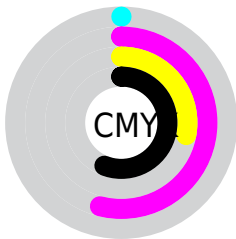
Distribution



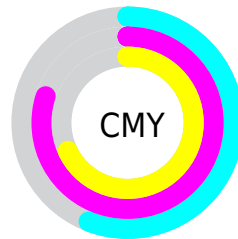
- Red (44%)
- Green (20%)
- Blue (32%)



- Red (44%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (56%)



- Cyan (56%)
- Magenta (80%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2460, 3.8227, 33.9873 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 73.2460, 3.8227, 33.9873 by changing the saturation by 10% instead.

■ 73.2460, 3.8227,
33.9873

■ 73.2460, 3.8227,
33.9873

255.0000, 0.0000,
0.0000

■ 48.7620, 4.5543,
32.6577

■ 123.7410, 3.0857,
37.0611

■ 24.4030, 5.7173,
32.9726

■ 149.4530, 3.2277,
38.1907

■ 14.2680, 0.3609,
24.3210

■ 177.0510, 2.9329,
39.4203

■ 0.0000, 0.0000,
0.0000

■ 204.7630, 3.0748,
40.5498

■ 225.5870, 6.6126,
25.7952

■ 243.8470, 5.4984,

9.7812

■ 73.2460, 3.8227,
33.9873

■ 73.2460, 3.8227,
33.9873

■ 66.1050, 4.3852,
40.2499

■ 80.3870, 3.2602,
27.7246

■ 58.9640, 4.9477,
46.5126

■ 87.5280, 2.6977,
21.4619

■ 51.3500, 6.2364,
53.1900

■ 95.1420, 1.4090,
14.7845

■ 44.2090, 6.7990,
59.4527

■ 102.2830, 0.8465,
8.5218

■ 39.6440, 7.0775,
63.4562

■ 109.4240, 0.2840,
2.2592

■ 116.5650, -0.2785,
-4.0035

■ 123.7060, -0.8411,
-10.2662

■ 131.3200, -2.1298,
-16.9436

■ 138.4610, -2.6923,
-23.2063

Harmonies

Analogous

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



74.4810, 14.0599, 17.1182



73.2460, 3.8227, 33.9873



71.7060, -7.2501, 38.8458

Triad

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



73.2460, 3.8227, 33.9873



68.3920, -21.3923, 1.4102



60.4460, 23.4441, -53.0111

Complementary

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



73.2460, 3.8227, 33.9873



90.7540, -3.8227, -33.9873

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.



59.3400, 14.1294, -52.0412



73.2460, 3.8227, 33.9873



64.3660, -12.0124, -20.4920

Square

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



73.2460, 3.8227, 33.9873



70.0460, -23.1937, 19.2537



55.9030, 3.4988, -49.0269



58.7650, 29.6959, -51.5369

Rectangle

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



73.2460, 3.8227, 33.9873



71.1480, -14.3700, 35.8272



55.9030, 3.4988, -49.0269



60.3490, 20.5339, -52.9261

Sweetspot

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



73.2460, 3.8227, 33.9873



130.1310, 1.4144, 13.0401



68.1090, 21.6383, 13.0594



64.9840, 0.9939, 7.9070



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



73.2460, 3.8227, 33.9873



84.9370, 5.9471, 52.6753



70.5270, -9.1338, 36.3718



52.1360, 0.4260, 3.3887



42.4920, 7.6454, 67.9745



87.5330, 16.0062, 139.8526

Inverse Universe

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



73.2460, 3.8227, 33.9873



84.9370, 5.9471, 52.6753



93.4730, 9.1338, -36.3718



52.1360, 0.4260, 3.3887



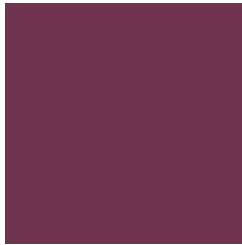
42.4920, 7.6454, 67.9745



87.5330, 16.0062, 139.8526

Previews

White Background



This preview shows how the YUV color 73.2460, 3.8227, 33.9873 looks on a white background.

Color Contrast Check

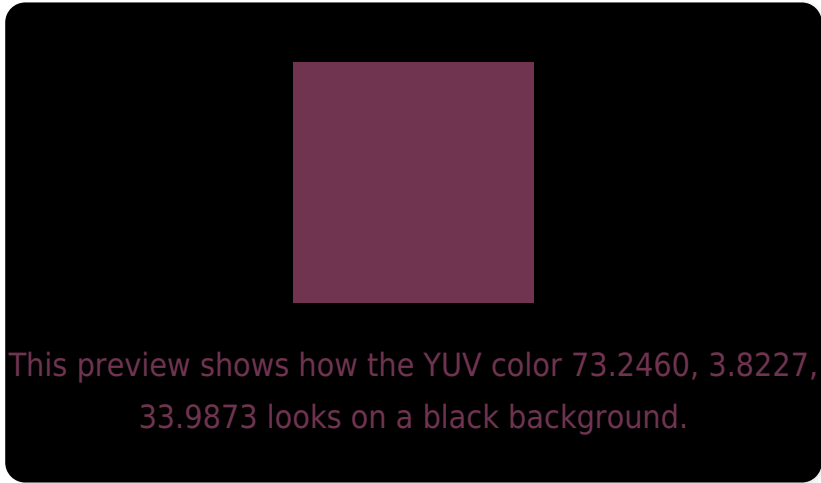
Large Text (above 18pt) WCAG AA ✓ Pass

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

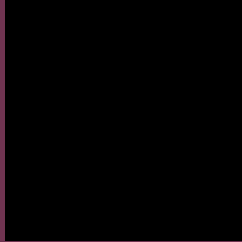
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2460, 3.8227, 33.9873

Background



This preview shows how black text looks on a background with the YUV color 73.2460, 3.8227, 33.9873.



This preview shows how white text looks on a background with the YUV color 73.2460, 3.8227, 33.9873.

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

73.2460, 3.8227, 33.9873

Protanopia

73.0130, 10.3466, -5.2734

Deuteranopia

73.5920, 2.1731, 2.9888



Tritanopia

72.6020, -6.2128, 32.7980

Trichromacy



Original Color

73.2460, 3.8227, 33.9873

Protanomaly

73.1180, 7.8298, 8.6665

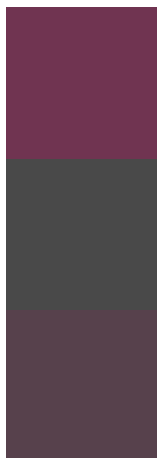
Deuteranomaly

73.4840, 2.7194, 14.4845

Tritanomaly

73.2260, -2.5764, 33.1278

Monochromacy



Original Color

73.2460, 3.8227, 33.9873

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8320, 1.5618, 12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2460, 3.8227, 33.9873 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(112, 52, 81)` looks like.

```
.text, #text, p{  
    color:rgb(112, 52, 81)  
}
```

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(112, 52, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 52, 81) }
```

Border

The CSS property to change the border of an element to YUV 73.2460, 3.8227, 33.9873 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(112, 52, 81) }
```


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

```
.border{ border-color:rgb(112, 52, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 52, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 52, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 52, 81);  
box-shadow:4px 4px 4px 4px rgb(112, 52,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 73.2460, 3.8227, 33.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 52, 81) }
```

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

```
.background{ background-color: rgb(112, 52,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor