

Converting Colors

YUV(73.2480, -2.5873, 36.6165)

Have a look what the booklet for
YUV(73.2480, -2.5873, 36.6165)
contains.

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Color

**YUV(73.2480, -2.5873,
36.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	733544
RGB	115, 53, 68
RGB Percent	45%, 21%, 27%
CMY	0.5490, 0.7922, 0.7333
CMYK	0.00, 0.54, 0.41, 0.55
HSL	345°, 37%, 33%
HSV	345°, 54%, 45%
XYZ	9.3867, 6.6084, 6.2497
YIQ	73.2480, 32.1370, 17.8090

Conversions

Conversions Part 2

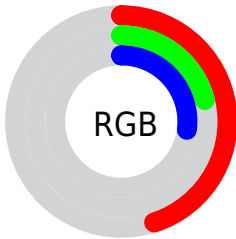
Format	Color
R_{YB}	115, 53, 68
Decimal	7550276
CIE _{Lab}	30.90, 28.97, 3.71
CIE _{LCh}	31, 29.204, 7.299
Yxy	6.6084, 0.4220, 0.2971
Android (android.graphics.Color)	4285740356 (0xFF733544)
YUV	73.2480, -2.5873, 36.6165
Hunter-Lab	25.7068, 20.1915, 3.5806

Details

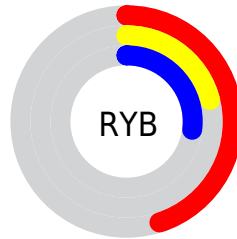
The YUV color **73.2480, -2.5873, 36.6165** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **94.7520, 2.5873, -36.6165**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6290, -3.7611, 39.7904**, and **24.9210, 0.0389, 34.2723** is the 20% darker color. If you saturate the color by 10%, you get **65.7650, -3.3351, 43.1791**, and if you desaturate by 10%, it is **81.3180, -2.1288, 29.5391**.

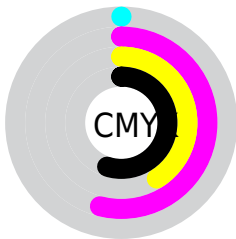
Distribution



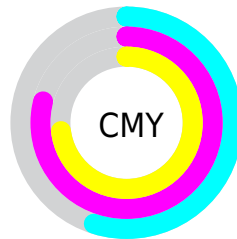
- Red (45%)
- Green (21%)
- Blue (27%)



- Red (45%)
- Yellow (21%)
- Blue (27%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (55%)



- Cyan (55%)
- Magenta (79%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2480, -2.5873, 36.6165 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 73.2480, -2.5873, 36.6165 by changing the saturation by 10% instead.

■ 73.2480, -2.5873,
36.6165

■ 73.2480, -2.5873,
36.6165

255.0000, 0.0000,
0.0000

■ 48.8780, -1.4189,
35.1870

■ 123.6290, -3.7611,
39.7904

■ 24.9210, 0.0389,
34.2723

■ 149.5260, -4.2033,
41.6347

■ 12.9710, -5.9017,
26.3354

■ 177.1240, -4.4981,
42.8643

■ 0.0000, 0.0000,
0.0000

■ 204.7220, -4.7929,
44.0938

■ 224.3500, -0.6655,
26.8801

■ 244.0920, 3.8986,

9.5663

■ 73.2480, -2.5873,
36.6165

■ 73.2480, -2.5873,
36.6165

■ 65.7650, -3.3351,
43.1791

■ 81.3180, -2.1288,
29.5391

■ 57.8090, -3.3568,
50.1565

■ 88.6870, -1.8177,
23.0765

■ 49.7390, -3.8153,
57.2339

■ 96.7570, -1.3592,
15.9991

■ 42.2560, -4.5632,
63.7965

■ 104.2400, -0.6113,
9.4365

■ 37.5770, -4.7215,
67.9000

■ 112.3100, -0.1528,
2.3591

■ 119.6790, 0.1583,
-4.1035

■ 127.7490, 0.6167,
-11.1809

■ 135.2320, 1.3646,
-17.7435

■ 142.6010, 1.6757,
-24.2061

Harmonies

Analogous

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



74.6410, 8.0650, 26.6248



73.2480, -2.5873, 36.6165



72.1910, -12.9122, 34.9125

Triad

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



73.2480, -2.5873, 36.6165



67.1070, -15.8288, -9.7408



59.9560, 26.6437, -52.5814

Complementary

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



73.2480, -2.5873, 36.6165



94.7520, 2.5873, -36.6165

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.



60.1210, 19.6603, -52.7261



73.2480, -2.5873, 36.6165



61.4550, -3.6753, -34.6020

Square

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



73.2480, -2.5873, 36.6165



69.9200, -22.1456, 9.7172



58.2000, 9.7614, -51.0414



68.8610, 24.2255, -23.5571

Rectangle

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



73.2480, -2.5873, 36.6165



71.7790, -18.1320, 29.1348



58.2000, 9.7614, -51.0414



60.2010, 25.0439, -52.7963

Sweetspot

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



73.2480, -2.5873, 36.6165



133.8600, -0.9170, 14.1548



74.1210, 20.1533, 22.6959



66.8270, -0.9007, 8.9217



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.



73.2480, -2.5873, 36.6165



84.6250, -4.2521, 57.3339



80.9300, -13.7695, 29.8794



54.9080, -0.4476, 3.5887



39.8980, -4.8797, 72.0035



81.5900, -10.6439, 147.6956

Inverse Universe

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



73.2480, -2.5873, 36.6165



84.6250, -4.2521, 57.3339



87.6570, 13.4801, -30.3942



54.9080, -0.4476, 3.5887



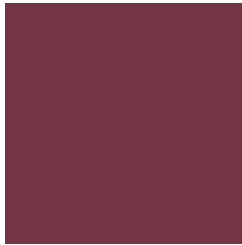
39.8980, -4.8797, 72.0035



81.5900, -10.6439, 147.6956

Previews

White Background



This preview shows how the YUV color 73.2480, -2.5873, 36.6165 looks on a white background.

Color Contrast Check

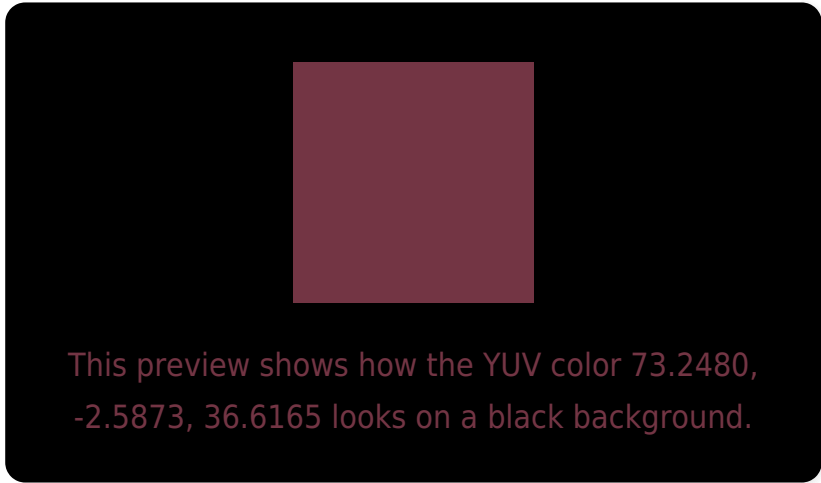
Large Text (above 18pt) WCAG AA ✓ Pass

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

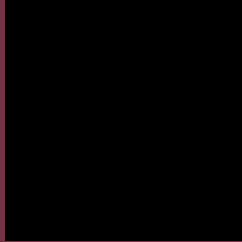
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2480, -2.5873, 36.6165

Background



This preview shows how black text looks on a background with the YUV color 73.2480, -2.5873, 36.6165.



This preview shows how white text looks on a background with the YUV color 73.2480, -2.5873,

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

73.2480, -2.5873, 36.6165

Protanopia

73.6840, 2.6208, -0.5999

Deuteranopia

74.2030, -4.5371, 8.5920



Tritanopia

73.0970, -6.9498, 35.8719

Trichromacy



Original Color

73.2480, -2.5873, 36.6165

Protanomaly

73.6040, 0.6882, 12.6253

Deuteranomaly

73.4970, -3.6960, 18.8581

Tritanomaly

72.8520, -5.3500, 36.0868

Monochromacy



Original Color

73.2480, -2.5873, 36.6165

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1480, -1.0590, 13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2480, -2.5873, 36.6165 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, 53, 68)` looks like.

```
.text, #text, p{  
    color:rgb(115, 53, 68)  
}
```

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, 53, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 53, 68) }
```

Border

The CSS property to change the border of an element to YUV 73.2480, -2.5873, 36.6165 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, 53, 68) }
```


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

```
.border{ border-color:rgb(115, 53, 68) }
```

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

Here you see how a box with a 4 pixel rgb(115, 53, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 53, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 53, 68);  
box-shadow:4px 4px 4px 4px rgb(115, 53,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 73.2480, -2.5873, 36.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 53, 68) }
```

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

```
.background{ background-color: rgb(115, 53,  
68) }
```

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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