

Converting Colors

YUV(72.8080, -1.8773, 42.2644)

Have a look what the booklet for
YUV(72.8080, -1.8773, 42.2644)
contains.

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Color

**YUV(72.8080, -1.8773,
42.2644)**

Conversions

Conversions Part 1

Format	Color
Hex	793145
RGB	121, 49, 69
RGB Percent	47%, 19%, 27%
CMY	0.5255, 0.8078, 0.7294
CMYK	0.00, 0.60, 0.43, 0.53
HSL	343°, 42%, 33%
HSV	343°, 60%, 47%
XYZ	10.0576, 6.6912, 6.3917
YIQ	72.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

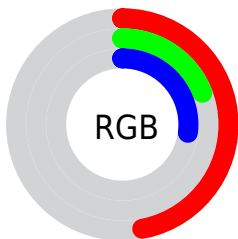
Format	Color
R_{YB}	121, 49, 69
Decimal	7942469
CIE _{Lab}	31.09, 33.51, 3.47
CIE _{LCh}	31, 33.685, 5.907
Yxy	6.6912, 0.4346, 0.2892
Android (android.graphics.Color)	4286132549 (0xFF793145)
YUV	72.8080, -1.8773, 42.2644
Hunter-Lab	25.8674, 24.1355, 3.4571

Details

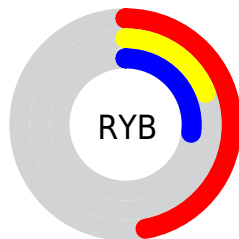
The YUV color **72.8080, -1.8773, 42.2644** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **97.1920, 1.8773, -42.2644**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4880, -3.1986, 46.0530**, and **23.2960, 1.3331, 39.2054** is the 20% darker color. If you saturate the color by 10%, you get **64.7380, -2.3358, 49.3418**, and if you desaturate by 10%, it is **80.8780, -1.4189, 35.1870**.

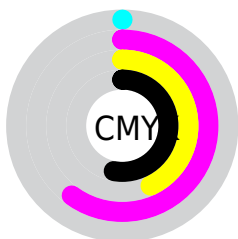
Distribution



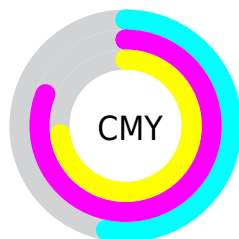
- Red (47%)
- Green (19%)
- Blue (27%)



- Red (47%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8080, -1.8773, 42.2644 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 72.8080, -1.8773, 42.2644 by changing the saturation by 10% instead.

72.8080, -1.8773,
42.2644

72.8080, -1.8773,
42.2644

255.0000, 0.0000,
0.0000

47.5520, -0.2721,
40.7349

123.4880, -3.1986,
46.0530

23.2960, 1.3331,
39.2054

150.3850, -3.6408,
47.8974

14.1670, -6.4913,
28.7945

177.8690, -4.3724,
49.2269

0.0000, 0.0000,
0.0000

203.0750, -3.4880,
45.5382

222.7030, 0.6394,
28.3245

242.4450, 5.2036,

11.0107

■ 72.8080, -1.8773,
42.2644

■ 72.8080, -1.8773,
42.2644

■ 64.7380, -2.3358,
49.3418

■ 80.8780, -1.4189,
35.1870

■ 56.7820, -2.3575,
56.3192

■ 88.8340, -1.3972,
28.2096

■ 48.7120, -2.8160,
63.3966

■ 96.9040, -0.9387,
21.1322

■ 40.6420, -3.2745,
70.4740

■ 104.9740, -0.4802,
14.0548

■ 40.0550, -2.9851,
70.9888

■ 113.0440, -0.0217,
6.9774

■ 121.5870, -0.2894,
-0.5148

■ 129.6570, 0.1691,
-7.5922

■ 137.7270, 0.6276,
-14.6696

■ 145.7970, 1.0861,
-21.7470

Harmonies

Analogous

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



75.1190, 9.8013, 29.7136



72.8080, -1.8773, 42.2644



71.9960, -13.8020, 40.3455

Triad

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



72.8080, -1.8773, 42.2644



66.5970, -19.0283, -10.1706



61.9280, 29.1225, -54.3109

Complementary

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



72.8080, -1.8773, 42.2644



97.1920, 1.8773, -42.2644

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.



61.6370, 20.3920, -54.0556



72.8080, -1.8773, 42.2644



57.2150, -3.0640, -44.0386

Square

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



72.8080, -1.8773, 42.2644



70.0790, -26.6609, 11.3317



59.3740, 9.1826, -52.0710



66.1740, 29.4942, -33.4786

Rectangle

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



72.8080, -1.8773, 42.2644



71.5300, -20.4743, 33.7382



59.3740, 9.1826, -52.0710



61.9450, 26.6491, -54.3258

Sweetspot

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



72.8080, -1.8773, 42.2644



139.2840, -0.6330, 16.4139



72.7560, 23.7843, 24.7700



67.5390, -0.7587, 10.0513



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



72.8080, -1.8773, 42.2644



83.0220, -2.9688, 65.7557



79.9200, -15.2436, 36.0272



57.0220, -0.0108, 3.4887



41.3650, -3.1379, 73.3479



83.3280, -6.5707, 147.9253

Inverse Universe

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



72.8080, -1.8773, 42.2644



83.0220, -2.9688, 65.7557



90.0800, 15.2436, -36.0272



57.0220, -0.0108, 3.4887



41.3650, -3.1379, 73.3479



83.3280, -6.5707, 147.9253

Previews

White Background



This preview shows how the YUV color 72.8080, -1.8773, 42.2644 looks on a white background.

Color Contrast Check

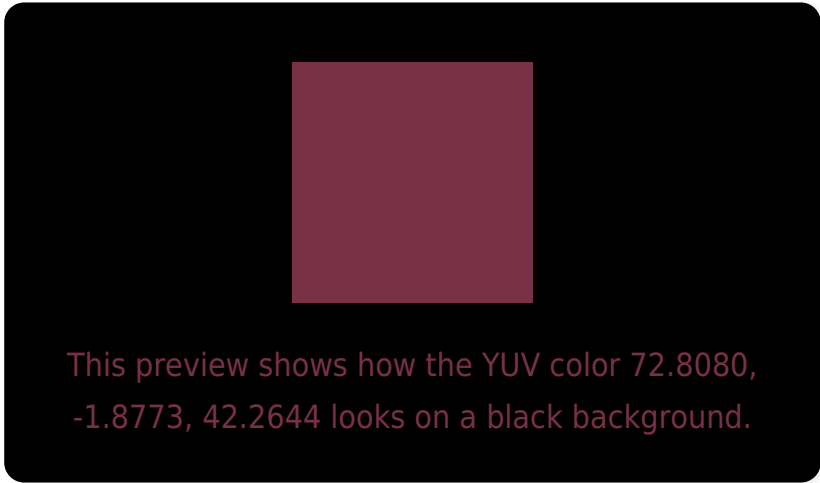
Large Text (above 18pt) WCAG AA ✓ Pass

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

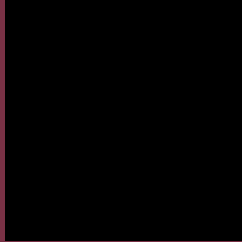
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8080, -1.8773, 42.2644

Background



This preview shows how black text looks on a background with the YUV color 72.8080, -1.8773, 42.2644.



This preview shows how white text looks on a background with the YUV color 72.8080, -1.8773,

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

72.8080, -1.8773, 42.2644

Protanopia

74.1400, 4.3680, -0.9998

Deuteranopia

74.3170, -4.1003, 8.4920



Tritanopia

72.6740, -8.7133, 41.5049

Trichromacy



Original Color

72.8080, -1.8773, 42.2644

Protanomaly

73.3700, 2.2826, 14.5845

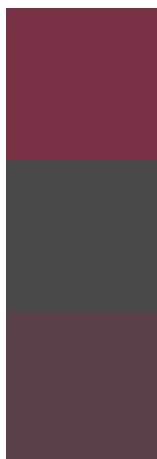
Deuteranomaly

73.6220, -3.2646, 20.5025

Tritanomaly

72.6570, -6.2399, 41.5198

Monochromacy



Original Color

72.8080, -1.8773, 42.2644

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6860, -0.3382, 15.1844

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8080, -1.8773, 42.2644 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(121, 49, 69)` looks like.

```
.text, #text, p{  
    color:rgb(121, 49, 69)  
}
```

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(121, 49, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 49, 69) }
```

Border

The CSS property to change the border of an element to YUV 72.8080, -1.8773, 42.2644 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(121, 49, 69) }
```


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

```
.border{ border-color:rgb(121, 49, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 49, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 49, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 49, 69);  
box-shadow:4px 4px 4px 4px rgb(121, 49,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 72.8080, -1.8773, 42.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 49, 69) }
```

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

```
.background{ background-color: rgb(121, 49,  
69) }
```

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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