

Converting Colors

YUV(72.7890, 0.1040, 13.3400)

Have a look what the booklet for
YUV(72.7890, 0.1040, 13.3400)
contains.

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Color

**YUV(72.7890, 0.1040,
13.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	584149
RGB	88, 65, 73
RGB Percent	35%, 25%, 29%
CMY	0.6549, 0.7451, 0.7137
CMYK	0.00, 0.26, 0.17, 0.65
HSL	339°, 15%, 30%
HSV	339°, 26%, 35%
XYZ	7.1174, 6.3363, 7.1512
YIQ	72.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

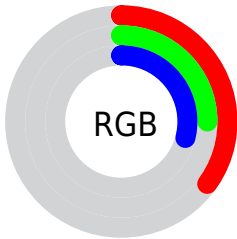
Format	Color
R_{YB}	88, 65, 73
Decimal	5783881
CIE Lab	30.25, 11.41, -0.96
CIE LCh	30, 11.454, 355.195
Yxy	6.3363, 0.3454, 0.3075
Android (android.graphics.Color)	4283973961 (0xFF584149)
YUV	72.7890, 0.1040, 13.3400
Hunter-Lab	25.1721, 6.4196, 0.7765

Details

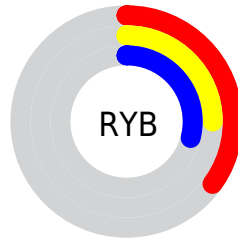
The YUV color **72.7890, 0.1040, 13.3400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.2110, -0.1040, -13.3400**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3870, -0.1908, 14.5696**, and **28.8920, 0.5462, 11.4957** is the 20% darker color. If you saturate the color by 10%, you get **66.8220, 0.0878, 18.5731**, and if you desaturate by 10%, it is **78.7560, 0.1203, 8.1070**.

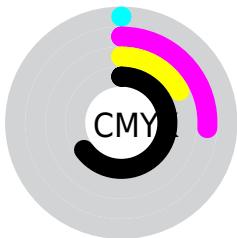
Distribution



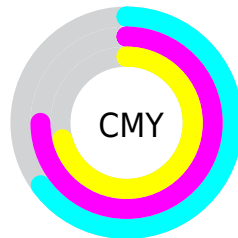
- Red (35%)
- Green (25%)
- Blue (29%)



- Red (35%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (65%)



- Cyan (65%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7890, 0.1040, 13.3400 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 72.7890, 0.1040, 13.3400 by changing the saturation by 10% instead.

■ 72.7890, 0.1040,
13.3400

■ 72.7890, 0.1040,
13.3400

■ 255.0000, 0.0000,
0.0000

■ 50.1910, 0.3988,
12.1105

■ 121.3870, -0.1908,
14.5696

■ 28.8920, 0.5462,
11.4957

■ 147.0990, -0.0488,
15.6992

■ 7.6320, -1.7906,
14.3547

■ 174.0990, -0.0488,
15.6992

■ 0.0000, 0.0000,
0.0000

■ 201.3980, -0.1962,
16.3140

■ 229.6970, -0.3436,
16.9287

■ 250.8910, 2.0257,

3.6036

■ 72.7890, 0.1040,
13.3400

■ 72.7890, 0.1040,
13.3400

■ 66.8220, 0.0878,
18.5731

■ 78.7560, 0.1203,
8.1070

■ 60.9690, 0.5083,
23.7062

■ 84.6090, -0.3002,
2.9739

■ 55.5890, 0.2026,
28.4244

■ 89.9890, 0.0054,
-1.7444

■ 49.6220, 0.1864,
33.6575

■ 95.9560, 0.0217,
-6.9774

■ 43.6550, 0.1701,
38.8906

■ 101.9230, 0.0380,
-12.2105

■ 37.8020, 0.5906,
44.0236

■ 107.7760, -0.3826,
-17.3436

■ 31.8350, 0.5743,
49.2567

■ 113.7430, -0.3663,
-22.5766

■ 29.8460, 0.5689,
51.0011

■ 119.1230, -0.0606,
-27.2949

■ 125.0900, -0.0444,
-32.5279

Harmonies

Analogous

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



72.7820, 4.0515, 7.2072



72.7890, 0.1040, 13.3400



72.3610, -4.1220, 15.4694

Triad

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



72.7890, 0.1040, 13.3400



70.0510, -7.4201, -0.0447



68.4800, 8.6374, -17.0840

Complementary

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



72.7890, 0.1040, 13.3400



80.2110, -0.1040, -13.3400

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.



67.2580, 5.2958, -18.6433



72.7890, 0.1040, 13.3400



68.9190, -3.9041, -7.8220

Square

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



72.7890, 0.1040, 13.3400



70.8670, -8.3154, 7.1326



67.7270, 0.6276, -14.6696



70.0510, 9.3419, -9.6917

Rectangle

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



72.7890, 0.1040, 13.3400



71.7800, -6.3005, 14.2249



67.7270, 0.6276, -14.6696



67.6540, 8.0586, -18.1136

Sweetspot

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



72.7890, 0.1040, 13.3400



109.0330, -0.0163, 5.2331



72.1070, 7.8352, 6.9222



55.0220, -0.0108, 3.4887



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



72.7890, 0.1040, 13.3400



91.2460, 0.3717, 20.8323



73.6380, -4.2585, 12.5955



40.4240, 0.2840, 2.2592



36.2110, 0.3890, 62.0820



79.6130, 1.1768, 136.2744

Inverse Universe

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



72.7890, 0.1040, 13.3400



91.2460, 0.3717, 20.8323



79.3620, 4.2585, -12.5955



40.4240, 0.2840, 2.2592



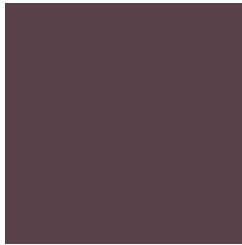
36.2110, 0.3890, 62.0820



79.6130, 1.1768, 136.2744

Previews

White Background



This preview shows how the YUV color 72.7890, 0.1040, 13.3400 looks on a white background.

Color Contrast Check

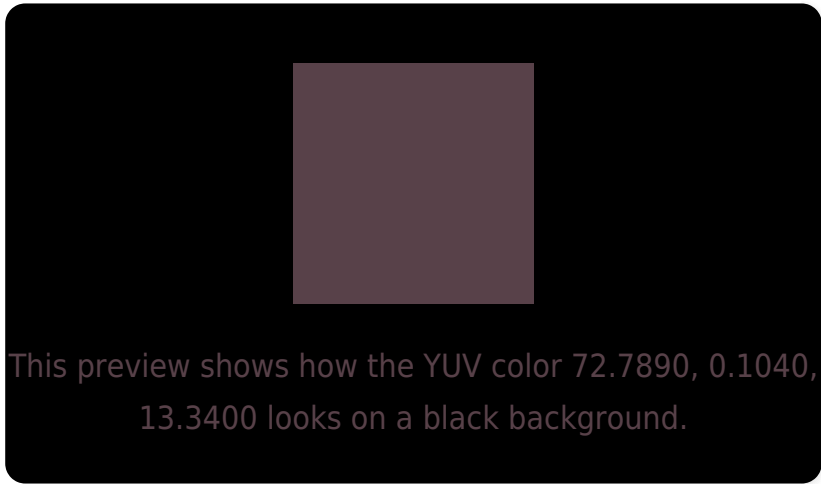
Large Text (above 18pt) WCAG AA ✓ Pass

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

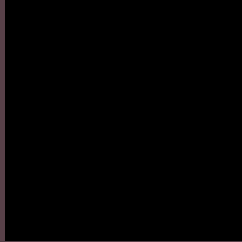
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7890, 0.1040, 13.3400

Background



This preview shows how black text looks on a background with the YUV color 72.7890, 0.1040, 13.3400.

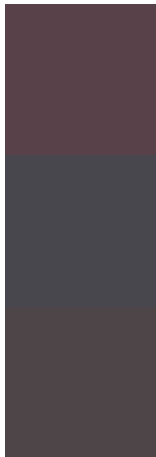


This preview shows how white text looks on a background with the YUV color 72.7890, 0.1040, 13.3400.

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

72.7890, 0.1040, 13.3400

Protanopia

71.6840, 2.6208, -0.5999

Deuteranopia

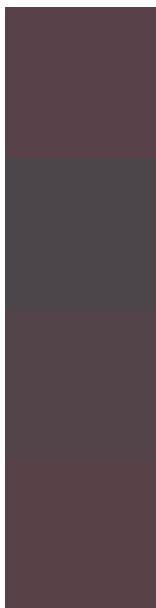
72.0330, -0.0163, 5.2331



Tritanopia

72.4470, -1.2064, 13.6400

Trichromacy



Original Color

72.7890, 0.1040, 13.3400

Protanomaly

72.1900, 1.8783, 4.2184

Deuteranomaly

72.6420, -0.3165, 8.2070

Tritanomaly

72.5610, -0.7696, 13.5400

Monochromacy



Original Color

72.7890, 0.1040, 13.3400

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7890, 0.1040, 13.3400 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(88, 65, 73)` looks like.

```
.text, #text, p{  
    color:rgb(88, 65, 73)  
}
```

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(88, 65, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 65, 73) }
```

Border

The CSS property to change the border of an element to YUV 72.7890, 0.1040, 13.3400 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(88, 65, 73) }
```


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

```
.border{ border-color:rgb(88, 65, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 65, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 65, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 65, 73);  
box-shadow:4px 4px 4px 4px rgb(88, 65, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7890, 0.1040, 13.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 65, 73) }
```

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

```
.background{ background-color: rgb(88, 65,  
73) }
```

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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