

Converting Colors

YUV(81.3060, 2.8071, 33.0576)

Have a look what the booklet for
YUV(81.3060, 2.8071, 33.0576)
contains.

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Color

**YUV(81.3060, 2.8071,
33.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	773D57
RGB	119, 61, 87
RGB Percent	47%, 24%, 34%
CMY	0.5333, 0.7608, 0.6588
CMYK	0.00, 0.49, 0.27, 0.53
HSL	333°, 32%, 35%
HSV	333°, 49%, 47%
XYZ	10.9968, 7.9475, 9.9713
YIQ	81.3060, 26.2220, 20.3820

Conversions

Conversions Part 2

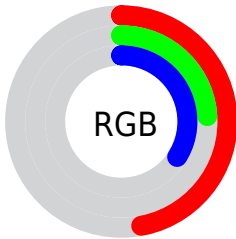
Format	Color
R_{YB}	119, 61, 87
Decimal	7814487
CIE Lab	33.87, 28.67, -4.16
CIE LCh	34, 28.967, 351.743
Yxy	7.9475, 0.3803, 0.2749
Android (android.graphics.Color)	4286004567 (0xFF773D57)
YUV	81.3060, 2.8071, 33.0576
Hunter-Lab	28.1914, 20.2937, -1.2368

Details

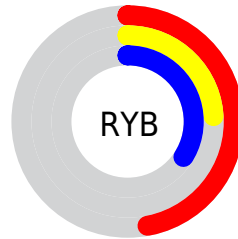
The YUV color **81.3060, 2.8071, 33.0576** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.6940, -2.8071, -33.0576**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9150, 2.5069, 36.0315**, and **33.3380, 4.2704, 30.3986** is the 20% darker color. If you saturate the color by 10%, you get **73.4640, 3.2222, 39.9351**, and if you desaturate by 10%, it is **89.1480, 2.3920, 26.1802**.

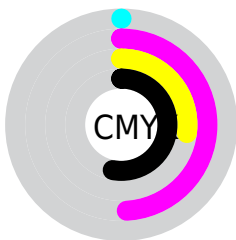
Distribution



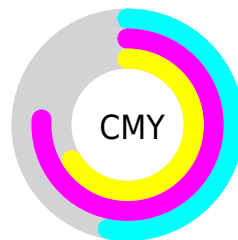
- Red (47%)
- Green (24%)
- Blue (34%)



- Red (47%)
- Yellow (24%)
- Blue (34%)



- Cyan (0%)
- Magenta (49%)
- Yellow (27%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3060, 2.8071, 33.0576 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 81.3060, 2.8071, 33.0576 by changing the saturation by 10% instead.

81.3060, 2.8071,
33.0576

81.3060, 2.8071,
33.0576

255.0000, 0.0000,
0.0000

57.4090, 3.2494,
31.2133

131.9150, 2.5069,
36.0315

33.3380, 4.2704,
30.3986

158.5130, 2.2121,
37.2611

15.9630, 2.9762,
25.4654

185.8120, 2.0647,
37.8759

1.7940, -0.8844,
3.6887

212.6270, 2.6489,
37.1611

0.0000, 0.0000,
0.0000

232.2550, 6.7763,
19.9474

250.3040, 2.3151,

■ 81.3060, 2.8071,
33.0576

■ 81.3060, 2.8071,
33.0576

■ 73.4640, 3.2222,
39.9351

■ 89.1480, 2.3920,
26.1802

■ 65.7360, 4.0742,
46.7125

■ 96.8760, 1.5401,
19.4027

■ 57.8940, 4.4893,
53.5900

■ 104.7180, 1.1250,
12.5253

■ 50.1660, 5.3412,
60.3674

■ 112.4460, 0.2731,
5.7479

■ 42.9110, 5.4669,
66.7301

■ 119.7010, 0.1474,
-0.6148

■ 41.6230, 5.6089,
67.8596

■ 127.4290, -0.7045,
-7.3922

■ 135.2710, -1.1196,
-14.2697

■ 143.1130, -1.5347,
-21.1471

■ 150.8410, -2.3866,
-27.9246

Harmonies

Analogous

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



82.1390, 12.7495, 17.4181



81.3060, 2.8071, 33.0576



79.8800, -7.8288, 37.8162

Triad

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



81.3060, 2.8071, 33.0576



75.7340, -20.0819, 1.1103



65.3530, 24.4760, -57.3146

Complementary

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



81.3060, 2.8071, 33.0576



98.6940, -2.8071, -33.0576

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.



64.3610, 15.5980, -56.4446



81.3060, 2.8071, 33.0576



72.3060, -10.9969, -19.5624

Square

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



81.3060, 2.8071, 33.0576



77.9750, -22.1727, 18.4389



61.6250, 5.1149, -54.0451



69.2390, 27.4902, -44.0596

Rectangle

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



81.3060, 2.8071, 33.0576



79.4360, -14.5119, 34.6976



61.6250, 5.1149, -54.0451



65.3700, 22.0026, -57.3295

Sweetspot

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



81.3060, 2.8071, 33.0576



140.4300, 1.2670, 13.6549



77.1800, 20.6173, 13.8741



69.8700, 0.5571, 8.0070



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.



81.3060, 2.8071, 33.0576



96.8830, 4.4947, 51.8456



80.1030, -9.4178, 34.1127



55.0220, -0.0108, 3.4887



42.7480, 6.0402, 69.5040



87.5180, 12.0696, 142.4967

Inverse Universe

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



81.3060, 2.8071, 33.0576



96.8830, 4.4947, 51.8456



99.8970, 9.4178, -34.1127



55.0220, -0.0108, 3.4887



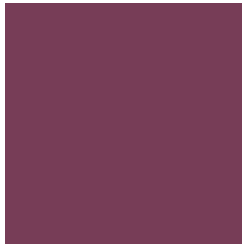
42.7480, 6.0402, 69.5040



87.5180, 12.0696, 142.4967

Previews

White Background



This preview shows how the YUV color 81.3060, 2.8071, 33.0576 looks on a white background.

Color Contrast Check

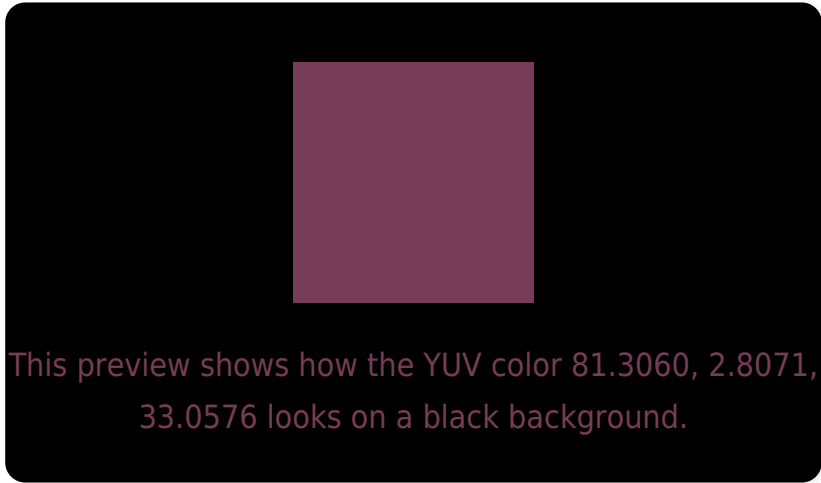
Large Text (above 18pt) WCAG AA ✓ Pass

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

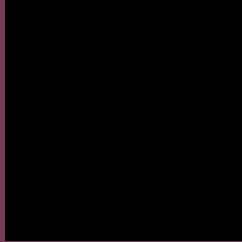
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3060, 2.8071, 33.0576

Background



This preview shows how black text looks on a background with the YUV color 81.3060, 2.8071, 33.0576.



This preview shows how white text looks on a background with the YUV color 81.3060, 2.8071,

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

81.3060, 2.8071, 33.0576

Protanopia

80.3830, 9.1782, -3.8439

Deuteranopia

81.0760, 1.4415, 4.3183



Tritanopia

80.4170, -5.6286, 32.0833

Trichromacy



Original Color

81.3060, 2.8071, 33.0576

Protanomaly

80.6020, 7.0982, 9.9960

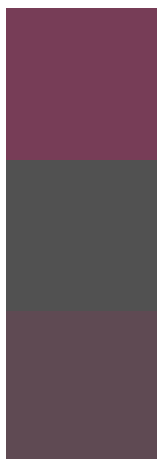
Deuteranomaly

81.2560, 1.8458, 14.6845

Tritanomaly

80.9270, -2.4290, 32.5130

Monochromacy



Original Color

81.3060, 2.8071, 33.0576

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.3050, 0.8356, 12.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3060, 2.8071, 33.0576 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(119, 61, 87)` looks like.

```
.text, #text, p{  
    color:rgb(119, 61, 87)  
}
```

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(119, 61, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 61, 87) }
```

Border

The CSS property to change the border of an element to YUV 81.3060, 2.8071, 33.0576 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(119, 61, 87) }
```


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

```
.border{ border-color:rgb(119, 61, 87) }
```

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

Here you see how a box with a 4 pixel rgb(119, 61, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 61, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 61, 87);  
box-shadow:4px 4px 4px 4px rgb(119, 61,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 81.3060, 2.8071, 33.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 61, 87) }
```

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

```
.background{ background-color: rgb(119, 61,  
87) }
```

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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