

Converting Colors

YUV(82.9430, 0.0281, 37.7610)

Have a look what the booklet for
YUV(82.9430, 0.0281, 37.7610)
contains.

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Color

**YUV(82.9430, 0.0281,
37.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	7E3D53
RGB	126, 61, 83
RGB Percent	49%, 24%, 33%
CMY	0.5059, 0.7608, 0.6745
CMYK	0.00, 0.52, 0.34, 0.51
HSL	340°, 35%, 37%
HSV	340°, 52%, 49%
XYZ	11.8343, 8.3976, 9.1808
YIQ	82.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

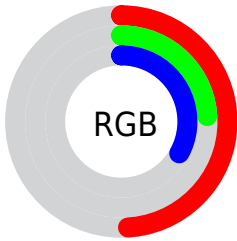
Format	Color
R_{YB}	126, 61, 83
Decimal	8273235
CIE Lab	34.80, 30.72, -0.12
CIE LCh	35, 30.717, 359.779
Yxy	8.3976, 0.4024, 0.2855
Android (android.graphics.Color)	4286463315 (0xFF7E3D53)
YUV	82.9430, 0.0281, 37.7610
Hunter-Lab	28.9787, 22.1828, 1.5013

Details

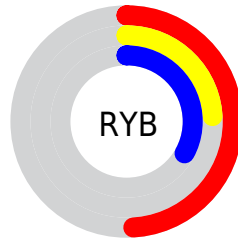
The YUV color **82.9430, 0.0281, 37.7610** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **104.0570, -0.0281, -37.7610**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3240, -1.1457, 40.9349**, and **33.5020, 2.2175, 35.5167** is the 20% darker color. If you saturate the color by 10%, you get **74.4000, 0.2958, 45.2532**, and if you desaturate by 10%, it is **91.4860, -0.2396, 30.2688**.

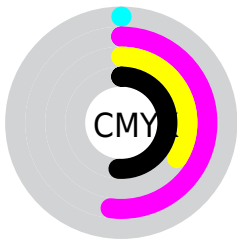
Distribution



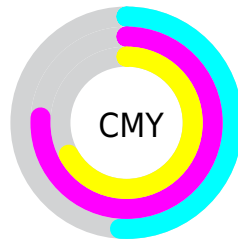
- Red (49%)
- Green (24%)
- Blue (33%)



- Red (49%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9430, 0.0281, 37.7610 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 82.9430, 0.0281, 37.7610 by changing the saturation by 10% instead.

82.9430, 0.0281,
37.7610

82.9430, 0.0281,
37.7610

255.0000, 0.0000,
0.0000

58.4590, 0.7597,
36.4315

134.3240, -1.1457,
40.9349

33.5020, 2.2175,
35.5167

160.3350, -1.1512,
42.6792

17.0020, 0.4920,
28.9392

187.9330, -1.4460,
43.9088

5.6810, -2.8007,
11.6808

212.6440, 0.1755,
37.1462

0.0000, 0.0000,
0.0000

232.2720, 4.3029,
19.9325

250.3040, 2.3151,

4.1184

■ 82.9430, 0.0281,
37.7610

■ 82.9430, 0.0281,
37.7610

■ 74.4000, 0.2958,
45.2532

■ 91.4860, -0.2396,
30.2688

■ 66.3300, -0.1627,
52.3306

■ 99.5560, 0.2189,
23.1914

■ 57.7870, 0.1050,
59.8228

■ 108.0990, -0.0488,
15.6992

■ 49.8310, 0.0833,
66.8002

■ 116.0550, -0.0271,
8.7218

■ 42.5760, 0.2090,
73.1628

■ 124.7120, 0.1420,
1.1296

■ 133.2550, -0.1257,
-6.3626

■ 141.2110, -0.1040,
-13.3400

■ 149.8680, 0.0651,
-20.9322

■ 157.8240, 0.0868,
-27.9096

Harmonies

Analogous

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



84.4280, 11.1280, 24.1806



82.9430, 0.0281, 37.7610



81.9680, -11.3232, 38.6161

Triad

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



82.9430, 0.0281, 37.7610



77.2170, -19.3340, -5.4523



67.5530, 27.8284, -59.2440

Complementary

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



82.9430, 0.0281, 37.7610



104.0570, -0.0281, -37.7610

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.



67.1480, 18.6610, -58.8888



82.9430, 0.0281, 37.7610



72.3480, -8.0596, -28.3692

Square

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



82.9430, 0.0281, 37.7610



79.1980, -23.7616, 14.7354



64.4120, 8.1779, -56.4893



74.7070, 27.7524, -34.8230

Rectangle

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



82.9430, 0.0281, 37.7610



81.5130, -18.0009, 33.7531



64.4120, 8.1779, -56.4893



67.5700, 25.3550, -59.2589

Sweetspot

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



82.9430, 0.0281, 37.7610



147.0880, -0.0434, 13.9548



80.9680, 22.2008, 19.3221



72.0550, -0.0271, 8.7218



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



82.9430, 0.0281, 37.7610



96.0750, -0.0370, 58.6932



86.3050, -12.4754, 34.8125



59.4350, 0.2785, 4.0035



43.1740, -0.0858, 74.3924



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.9430, 0.0281, 37.7610



96.0750, -0.0370, 58.6932



100.6950, 12.4754, -34.8125



59.4350, 0.2785, 4.0035



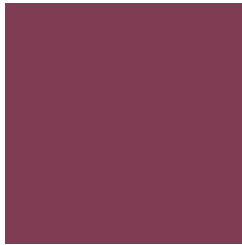
43.1740, -0.0858, 74.3924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.9430, 0.0281, 37.7610 looks on a white background.

Color Contrast Check

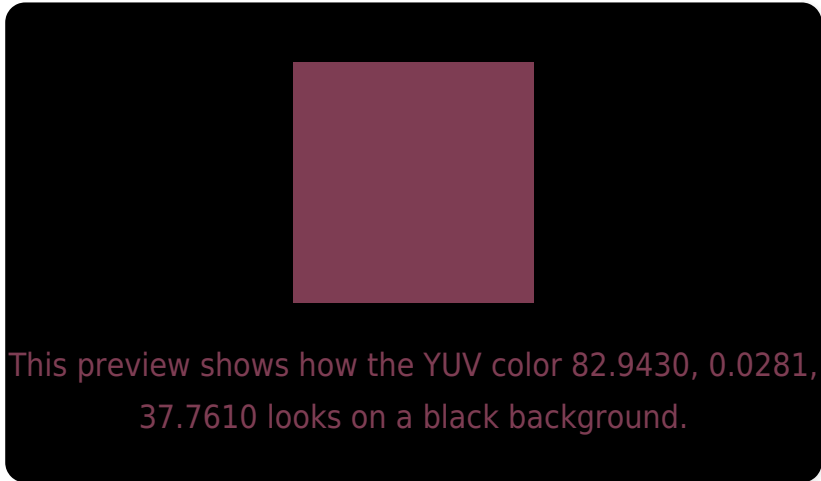
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.9430, 0.0281, 37.7610

Background



This preview shows how black text looks on a background with the YUV color 82.9430, 0.0281, 37.7610.



This preview shows how white text looks on a background with the YUV color 82.9430, 0.0281,

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

82.9430, 0.0281, 37.7610

Protanopia

82.9980, 6.4100, -2.6292

Deuteranopia

83.2890, -1.6215, 6.7625



Tritanopia

82.6950, -7.2446, 37.1015

Trichromacy



Original Color

82.9430, 0.0281, 37.7610

Protanomaly

82.8150, 4.0352, 12.4402

Deuteranomaly

83.1810, -1.0752, 18.2583

Tritanomaly

82.6780, -4.7713, 37.1164

Monochromacy



Original Color

82.9430, 0.0281, 37.7610

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9430, 0.0281, 37.7610 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(126, 61, 83)` looks like.

```
.text, #text, p{  
    color:rgb(126, 61, 83)  
}
```

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(126, 61, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 61, 83) }
```

Border

The CSS property to change the border of an element to YUV 82.9430, 0.0281, 37.7610 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(126, 61, 83) }
```


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

```
.border{ border-color:rgb(126, 61, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 61, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 61, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 61, 83);  
box-shadow:4px 4px 4px 4px rgb(126, 61,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 82.9430, 0.0281, 37.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 61, 83) }
```

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

```
.background{ background-color: rgb(126, 61,  
83) }
```

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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