

Converting Colors

YUV(82.8070, 3.0531, 47.5273)

Have a look what the booklet for
YUV(82.8070, 3.0531, 47.5273)
contains.

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Color

**YUV(82.8070, 3.0531,
47.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	893659
RGB	137, 54, 89
RGB Percent	54%, 21%, 35%
CMY	0.4627, 0.7882, 0.6510
CMYK	0.00, 0.61, 0.35, 0.46
HSL	335°, 43%, 37%
HSV	335°, 61%, 54%
XYZ	13.4389, 8.6780, 10.4179
YIQ	82.8070, 38.2330, 28.4810

Conversions

Conversions Part 2

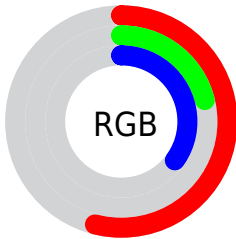
Format	Color
R_{YB}	137, 54, 89
Decimal	8992345
CIE _{Lab}	35.36, 39.12, -2.93
CIE _{LCh}	35, 39.227, 355.718
Yxy	8.6780, 0.4131, 0.2667
Android (android.graphics.Color)	4287182425 (0xFF893659)
YUV	82.8070, 3.0531, 47.5273
Hunter-Lab	29.4584, 29.8792, -0.3469

Details

The YUV color **82.8070, 3.0531, 47.5273** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **108.1930, -3.0531, -47.5273**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1880, 1.8793, 50.7011**, and **29.8330, 6.9843, 46.6275** is the 20% darker color. If you saturate the color by 10%, you get **73.6770, 3.6102, 55.5343**, and if you desaturate by 10%, it is **91.9370, 2.4961, 39.5203**.

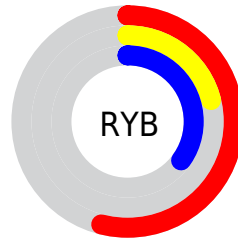
Distribution



Red (54%)

Green (21%)

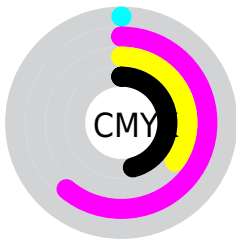
Blue (35%)



Red (54%)

Yellow (21%)

Blue (35%)

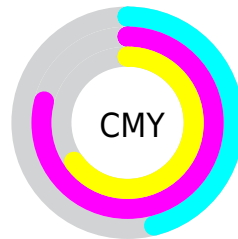


Cyan (0%)

Magenta (61%)

Yellow (35%)

Black (46%)



Cyan (46%)

Magenta (79%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8070, 3.0531, 47.5273 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 82.8070, 3.0531, 47.5273 by changing the saturation by 10% instead.

82.8070, 3.0531,
47.5273

82.8070, 3.0531,
47.5273

255.0000, 0.0000,
0.0000

56.8500, 4.5109,
46.6125

135.1880, 1.8793,
50.7011

29.8330, 6.9843,
46.6275

162.0850, 1.4371,
52.5455

19.9640, 1.4967,
33.3576

189.6830, 1.1423,
53.7750

9.9810, -4.4276,
20.1877

210.5070, 4.6800,
39.0204

0.0000, 0.0000,
0.0000

230.2490, 9.2442,
21.7066

247.9560, 3.4727,

6.1776

■ 82.8070, 3.0531,
47.5273

■ 82.8070, 3.0531,
47.5273

■ 73.6770, 3.6102,
55.5343

■ 91.9370, 2.4961,
39.5203

■ 65.1340, 3.8779,
63.0265

■ 100.4800, 2.2284,
32.0280

■ 56.0040, 4.4350,
71.0335

■ 109.6100, 1.6713,
24.0210

■ 47.5750, 5.1395,
78.4257

■ 118.7400, 1.1142,
16.0140

■ 127.8700, 0.5571,
8.0070

■ 136.4130, 0.2894,
0.5148

■ 145.4290, -0.7045,
-7.3922

■ 154.5590, -1.2616,
-15.3992

■ 163.1020, -1.5293,
-22.8915

Harmonies

Analogous

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



85.5300, 16.5007, 27.5992



82.8070, 3.0531, 47.5273



81.0450, -11.3612, 50.8265

Triad

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



82.8070, 3.0531, 47.5273



76.4640, -27.3438, -3.0379



71.0410, 31.0388, -62.3030

Complementary

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



82.8070, 3.0531, 47.5273



108.1930, -3.0531, -47.5273

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.



69.9520, 19.2507, -61.3479



82.8070, 3.0531, 47.5273



69.9790, -11.8216, -35.0616

Square

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



82.8070, 3.0531, 47.5273



79.3530, -32.2190, 20.7384



66.3040, 5.2731, -58.1486



68.3000, 38.3061, -59.8991

Rectangle

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



82.8070, 3.0531, 47.5273



81.4820, -20.9436, 44.3043



66.3040, 5.2731, -58.1486



70.8300, 27.6918, -62.1179

Sweetspot

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



82.8070, 3.0531, 47.5273



157.4630, 1.2507, 18.8879



77.5150, 29.3261, 20.5963



76.5930, 0.6937, 10.8809



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



82.8070, 3.0531, 47.5273



93.4390, 4.7136, 75.0370



82.3390, -13.9711, 47.9377



64.4350, 0.2785, 4.0035



46.1510, 4.8556, 76.1666



1.7230, 0.1366, 2.8739

Inverse Universe

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



82.8070, 3.0531, 47.5273



93.4390, 4.7136, 75.0370



108.6610, 13.9711, -47.9377



64.4350, 0.2785, 4.0035



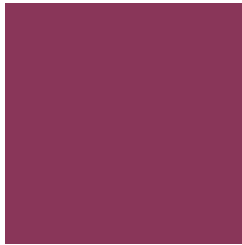
46.1510, 4.8556, 76.1666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 82.8070, 3.0531, 47.5273 looks on a white background.

Color Contrast Check

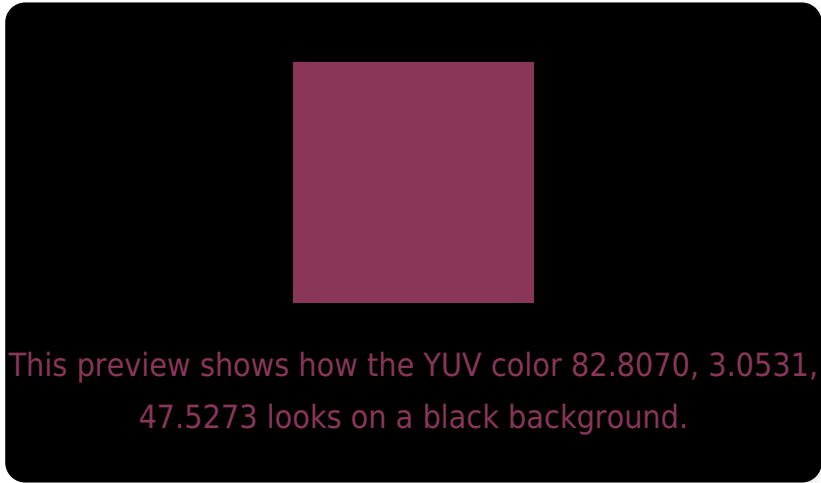
Large Text (above 18pt) WCAG AA ✓ Pass

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

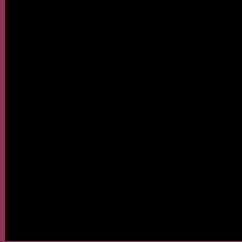
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8070, 3.0531, 47.5273

Background



This preview shows how black text looks on a background with the YUV color 82.8070, 3.0531, 47.5273.



This preview shows how white text looks on a background with the YUV color 82.8070, 3.0531,

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

82.8070, 3.0531, 47.5273

Protanopia

84.3550, 11.6570, -5.5733

Deuteranopia

84.7450, 0.1257, 6.3626



Tritanopia

82.1800, -9.4557, 46.3231

Trichromacy



Original Color

82.8070, 3.0531, 47.5273

Protanomaly

83.3790, 8.6872, 13.6996

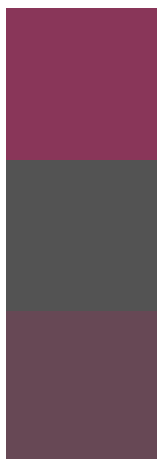
Deuteranomaly

83.7730, 1.0979, 21.2471

Tritanomaly

82.3310, -5.0932, 47.0677

Monochromacy



Original Color

82.8070, 3.0531, 47.5273

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7510, 1.1088, 17.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8070, 3.0531, 47.5273 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(137, 54, 89)` looks like.

```
.text, #text, p{  
    color:rgb(137, 54, 89)  
}
```

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(137, 54, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 54, 89) }
```

Border

The CSS property to change the border of an element to YUV 82.8070, 3.0531, 47.5273 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(137, 54, 89) }
```


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

```
.border{ border-color:rgb(137, 54, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 54, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 54, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 54, 89);  
box-shadow:4px 4px 4px 4px rgb(137, 54,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 82.8070, 3.0531, 47.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 54, 89) }
```

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

```
.background{ background-color: rgb(137, 54,  
89) }
```

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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