

Converting Colors

YUV(78.9430, 3.4791, 50.9160)

Have a look what the booklet for
YUV(78.9430, 3.4791, 50.9160)
contains.

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Color

**YUV(78.9430, 3.4791,
50.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	893056
RGB	137, 48, 86
RGB Percent	54%, 19%, 34%
CMY	0.4627, 0.8118, 0.6627
CMYK	0.00, 0.65, 0.37, 0.46
HSL	334°, 48%, 36%
HSV	334°, 65%, 54%
XYZ	13.0532, 8.1042, 9.6804
YIQ	78.9430, 40.8460, 30.6860

Conversions

Conversions Part 2

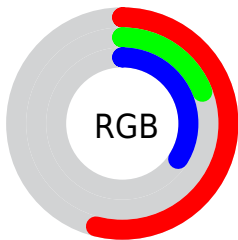
Format	Color
R_{YB}	137, 48, 86
Decimal	8990806
CIE _{Lab}	34.20, 41.59, -2.71
CIE _{LCh}	34, 41.680, 356.267
Yxy	8.1042, 0.4233, 0.2628
Android (android.graphics.Color)	4287180886 (0xFF893056)
YUV	78.9430, 3.4791, 50.9160
Hunter-Lab	28.4678, 32.0280, -0.2339

Details

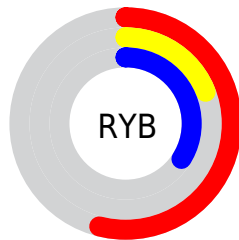
The YUV color **78.9430, 3.4791, 50.9160** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.0570, -3.4791, -50.9160**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3240, 2.3053, 54.0899**, and **29.4910, 5.6739, 46.9274** is the 20% darker color. If you saturate the color by 10%, you get **69.8130, 4.0362, 58.9230**, and if you desaturate by 10%, it is **88.0730, 2.9220, 42.9090**.

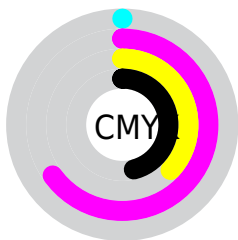
Distribution



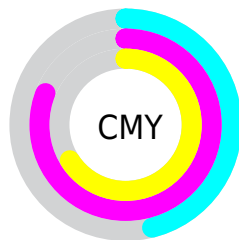
- Red (54%)
- Green (19%)
- Blue (34%)



- Red (54%)
- Yellow (19%)
- Blue (34%)



- Cyan (0%)
- Magenta (65%)
- Yellow (37%)
- Black (46%)




- Cyan (46%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.9430, 3.4791, 50.9160 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 78.9430, 3.4791, 50.9160 by changing the saturation by 10% instead.

 78.9430, 3.4791,
50.9160


 78.9430, 3.4791,
50.9160

255.0000, 0.0000,
0.0000

 51.8120, 5.5157,
51.0309


 131.3240, 2.3053,
54.0899

 29.4910, 5.6739,
46.9274

 158.8080, 1.5737,
55.4194


 19.7360, 0.6232,
33.5575

 186.7050, 1.1314,
57.2637

 9.0840, -3.9854,
18.3433

 206.6430, 5.1060,
42.4091

 0.0000, 0.0000,
0.0000

 226.2710, 9.2334,
25.1953

 244.4340, 5.2090,

9.2664

■ 78.9430, 3.4791,
50.9160

■ 78.9430, 3.4791,
50.9160

■ 69.8130, 4.0362,
58.9230

■ 88.0730, 2.9220,
42.9090

■ 61.2700, 4.3039,
66.4152

■ 96.6160, 2.6543,
35.4168

■ 52.1400, 4.8610,
74.4222

■ 105.7460, 2.0972,
27.4098

■ 47.5750, 5.1395,
78.4257

■ 114.7620, 1.1033,
19.5027

■ 123.8920, 0.5462,
11.4957

■ 132.4350, 0.2785,
4.0035

■ 141.5650, -0.2785,
-4.0035

■ 150.6950, -0.8356,
-12.0105

■ 159.2380, -1.1033,
-19.5027

Harmonies

Analogous

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



82.1820, 17.6583, 29.6584



78.9430, 3.4791, 50.9160



77.5400, -12.0982, 53.9004

Triad

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



78.9430, 3.4791, 50.9160



72.8830, -29.5223, -4.2824



69.9810, 32.0544, -61.3733

Complementary

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



78.9430, 3.4791, 50.9160



106.0570, -3.4791, -50.9160

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.



68.7780, 19.8294, -60.3183



78.9430, 3.4791, 50.9160



64.7610, -11.2212, -41.0094

Square

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



78.9430, 3.4791, 50.9160



75.4410, -35.7134, 21.5382



64.9020, 4.9783, -56.9191



67.2400, 39.3217, -58.9695

Rectangle

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



78.9430, 3.4791, 50.9160



77.5640, -21.9701, 46.8634



64.9020, 4.9783, -56.9191



69.7700, 28.7074, -61.1883

Sweetspot

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



78.9430, 3.4791, 50.9160



156.7620, 1.1033, 19.5027



73.0960, 31.5047, 21.8408



75.8920, 0.5462, 11.4957



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.



78.9430, 3.4791, 50.9160



87.7000, 5.5709, 80.0701



78.1330, -14.8556, 51.6264



64.4350, 0.2785, 4.0035



46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Inverse Universe

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



78.9430, 3.4791, 50.9160



87.7000, 5.5709, 80.0701



106.8670, 14.8556, -51.6264



64.4350, 0.2785, 4.0035



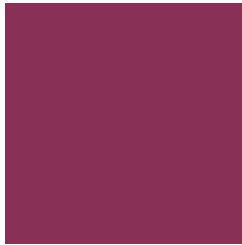
46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 78.9430, 3.4791, 50.9160 looks on a white background.

Color Contrast Check

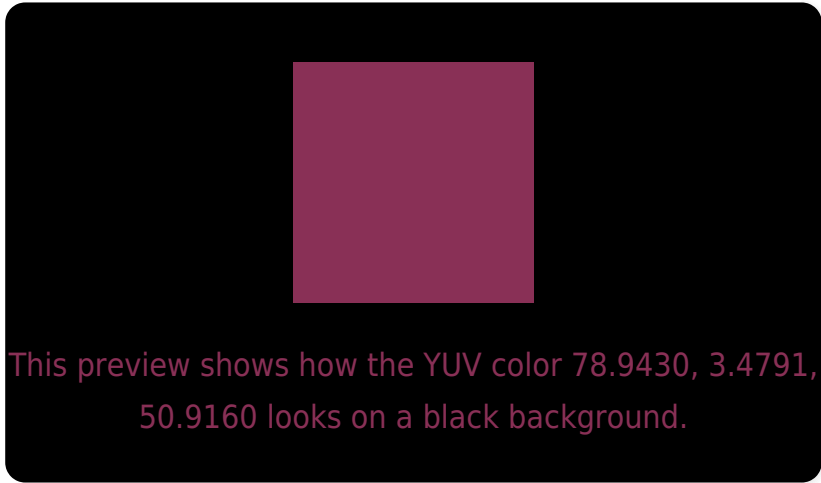
Large Text (above 18pt) WCAG AA ✓ Pass

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

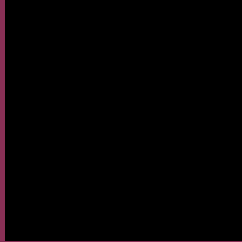
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9430, 3.4791, 50.9160

Background



This preview shows how black text looks on a background with the YUV color 78.9430, 3.4791, 50.9160.



This preview shows how white text looks on a background with the YUV color 78.9430, 3.4791, 50.9160.

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

78.9430, 3.4791, 50.9160

Protanopia

81.2840, 12.6780, -6.3881

Deuteranopia

82.3320, -0.1637, 5.8478



Tritanopia

78.6750, -10.1928, 49.3970

Trichromacy



Original Color

78.9430, 3.4791, 50.9160

Protanomaly

80.2050, 9.2659, 14.7292

Deuteranomaly

81.0720, 0.9505, 21.8619

Tritanomaly

78.9400, -5.3934, 50.0416

Monochromacy



Original Color

78.9430, 3.4791, 50.9160

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9430, 3.4791, 50.9160 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, 48, 86)` looks like.

```
.text, #text, p{  
    color:rgb(137, 48, 86)  
}
```

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, 48, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 48, 86) }
```

Border

The CSS property to change the border of an element to YUV 78.9430, 3.4791, 50.9160 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, 48, 86) }
```


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

```
.border{ border-color:rgb(137, 48, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 48, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 48, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 48, 86);  
box-shadow:4px 4px 4px 4px rgb(137, 48,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 78.9430, 3.4791, 50.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 48, 86) }
```

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

```
.background{ background-color: rgb(137, 48,  
86) }
```

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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