

Converting Colors

YUV(83.7430, 0.1267, 52.8454)

Have a look what the booklet for
YUV(83.7430, 0.1267, 52.8454)
contains.

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Color

**YUV(83.7430, 0.1267,
52.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	903554
RGB	144, 53, 84
RGB Percent	56%, 21%, 33%
CMY	0.4353, 0.7922, 0.6706
CMYK	0.00, 0.63, 0.42, 0.44
HSL	340°, 46%, 39%
HSV	340°, 63%, 56%
XYZ	14.3749, 9.1156, 9.3893
YIQ	83.7430, 44.2850, 28.9330

Conversions

Conversions Part 2

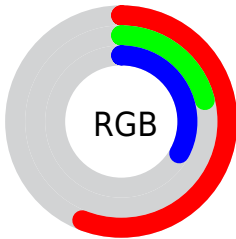
Format	Color
RYB	144, 53, 84
Decimal	9450836
CIELab	36.21, 41.37, 1.65
CIELCh	36, 41.402, 2.284
Yxy	9.1156, 0.4372, 0.2772
Android (android.graphics.Color)	4287640916 (0xFF903554)
YUV	83.7430, 0.1267, 52.8454
Hunter-Lab	30.1920, 32.1508, 2.6960

Details

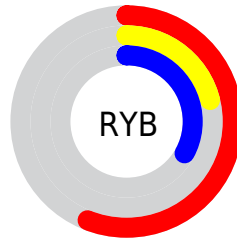
The YUV color **83.7430, 0.1267, 52.8454** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **113.2570, -0.1267, -52.8454**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8960, -1.9207, 56.2192**, and **31.0570, 3.9159, 50.8160** is the 20% darker color. If you saturate the color by 10%, you get **74.4990, 0.2470, 60.9524**, and if you desaturate by 10%, it is **92.9870, 0.0064, 44.7384**.

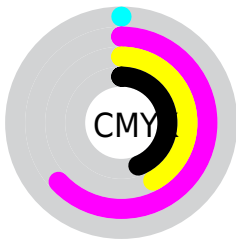
Distribution



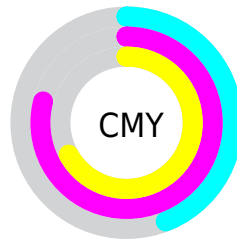
- Red (56%)
- Green (21%)
- Blue (33%)



- Red (56%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (63%)
- Yellow (42%)
- Black (44%)



- Cyan (44%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7430, 0.1267, 52.8454 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 83.7430, 0.1267, 52.8454 by changing the saturation by 10% instead.

83.7430, 0.1267,
52.8454

83.7430, 0.1267,
52.8454

255.0000, 0.0000,
0.0000

56.9000, 2.0213,
51.8307

136.8960, -1.9207,
56.2192

31.0570, 3.9159,
50.8160

163.7930, -2.3629,
58.0635

21.0030, -0.9875,
36.8314

190.1950, -2.0681,
56.8340

11.4760, -5.1647,
23.2615

209.8230, 2.0593,
39.6202

0.0000, 0.0000,
0.0000

229.4510, 6.1867,
22.4065

247.9560, 3.4727,

6.1776

■ 83.7430, 0.1267,
52.8454

■ 83.7430, 0.1267,
52.8454

■ 74.4990, 0.2470,
60.9524

■ 92.9870, 0.0064,
44.7384

■ 64.5540, 0.2199,
69.6741

■ 102.9320, 0.0335,
36.0166

■ 55.3100, 0.3402,
77.7811

■ 112.1760, -0.0868,
27.9096

■ 48.6420, 0.1765,
83.6290

■ 122.1210, -0.0597,
19.1879

■ 131.3650, -0.1799,
11.0809

■ 140.7230, 0.1366,
2.8739

■ 150.5540, -0.2731,
-5.7479

■ 159.9120, 0.0434,
-13.9548

■ 169.7430, -0.3663,
-22.5766

Harmonies

Analogous

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



87.1180, 14.7318, 34.9765



83.7430, 0.1267, 52.8454



83.0190, -15.2924, 51.7263

Triad

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



83.7430, 0.1267, 52.8454



77.0610, -26.1591, -9.7005



73.3550, 34.8280, -64.3323

Complementary

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



83.7430, 0.1267, 52.8454



113.2570, -0.1267, -52.8454

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.



72.3800, 23.4767, -63.4773



83.7430, 0.1267, 52.8454



64.7530, -5.7942, -55.0344

Square

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



83.7430, 0.1267, 52.8454



80.2340, -35.1184, 17.3348



69.2050, 8.7729, -60.6928



68.9840, 40.9269, -60.4990

Rectangle

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



83.7430, 0.1267, 52.8454



82.8580, -24.5800, 43.9745



69.2050, 8.7729, -60.6928



73.1440, 31.4810, -64.1473

Sweetspot

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



83.7430, 0.1267, 52.8454



162.8330, 0.0823, 20.3175



81.0150, 31.0516, 27.1738



80.0770, -0.0380, 12.2105



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



83.7430, 0.1267, 52.8454



92.6310, 0.1819, 81.8846



88.4270, -17.4655, 48.7375



66.4350, 0.2785, 4.0035



45.6090, 0.1928, 78.3959



2.7340, 0.1311, 4.6183

Inverse Universe

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



83.7430, 0.1267, 52.8454



92.6310, 0.1819, 81.8846



108.5730, 17.4655, -48.7375



66.4350, 0.2785, 4.0035



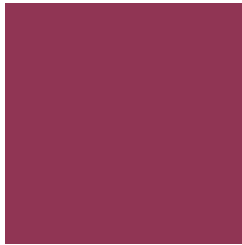
45.6090, 0.1928, 78.3959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 83.7430, 0.1267, 52.8454 looks on a white background.

Color Contrast Check

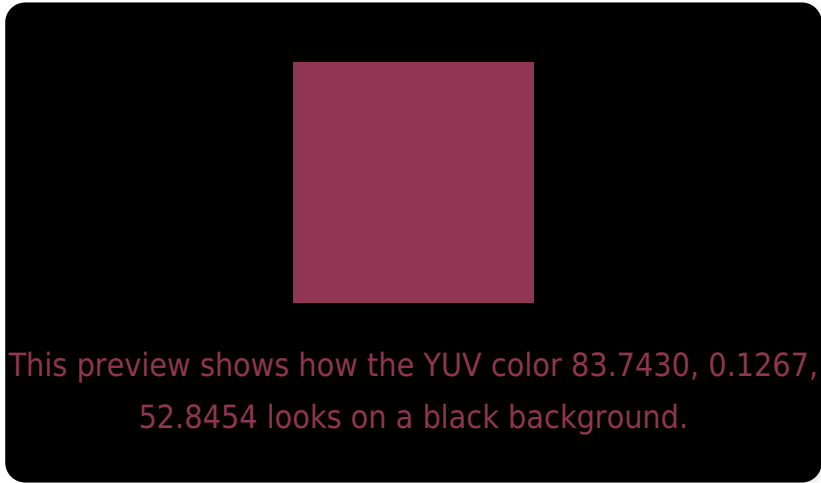
Large Text (above 18pt) WCAG AA ✓ Pass

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

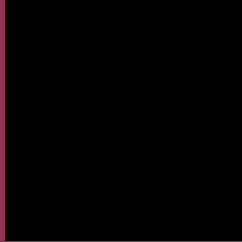
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7430, 0.1267, 52.8454

Background



This preview shows how black text looks on a background with the YUV color 83.7430, 0.1267, 52.8454.



This preview shows how white text looks on a background with the YUV color 83.7430, 0.1267, 52.8454.

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

83.7430, 0.1267, 52.8454

Protanopia

86.1550, 8.3046, -3.6439

Deuteranopia

86.8440, -3.3741, 8.9068



Tritanopia

83.4580, -11.0718, 51.3413

Trichromacy



Original Color

83.7430, 0.1267, 52.8454

Protanomaly

85.1900, 5.3293, 17.3734

Deuteranomaly

85.5840, -2.2599, 24.9208

Tritanomaly

83.4950, -7.1460, 52.1859

Monochromacy



Original Color

83.7430, 0.1267, 52.8454

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1210, -0.0597, 19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7430, 0.1267, 52.8454 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(144, 53, 84)` looks like.

```
.text, #text, p{  
    color:rgb(144, 53, 84)  
}
```

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(144, 53, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 53, 84) }
```

Border

The CSS property to change the border of an element to YUV 83.7430, 0.1267, 52.8454 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(144, 53, 84) }
```


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

```
.border{ border-color:rgb(144, 53, 84) }
```

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

Here you see how a box with a 4 pixel rgb(144, 53, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 53, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 53, 84);  
box-shadow:4px 4px 4px 4px rgb(144, 53,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 83.7430, 0.1267, 52.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 53, 84) }
```

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

```
.background{ background-color: rgb(144, 53,  
84) }
```

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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