

Converting Colors

YUV(87.8870, 8.4367, 47.4571)

Have a look what the booklet for
YUV(87.8870, 8.4367, 47.4571)
contains.

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Color

**YUV(87.8870, 8.4367,
47.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3969
RGB	142, 57, 105
RGB Percent	56%, 22%, 41%
CMY	0.4431, 0.7765, 0.5882
CMYK	0.00, 0.60, 0.26, 0.44
HSL	326°, 43%, 39%
HSV	326°, 60%, 56%
XYZ	15.1683, 9.6970, 14.4368
YIQ	87.8870, 35.2520, 32.9480

Conversions

Conversions Part 2

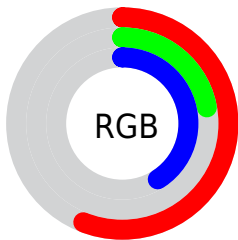
Format	Color
R_{YB}	142, 57, 105
Decimal	9320809
CIE _{Lab}	37.29, 41.50, -10.10
CIE _{LCh}	37, 42.708, 346.321
Yxy	9.6970, 0.3859, 0.2467
Android (android.graphics.Color)	4287510889 (0xFF8E3969)
YUV	87.8870, 8.4367, 47.4571
Hunter-Lab	31.1399, 32.4524, -5.6896

Details

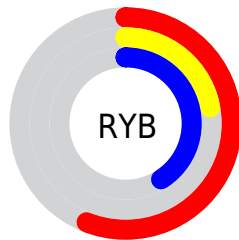
The YUV color **87.8870, 8.4367, 47.4571** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **111.1130, -8.4367, -47.4571**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3820, 7.6997, 50.5310**, and **33.2230, 12.2151, 48.9164** is the 20% darker color. If you saturate the color by 10%, you get **78.9850, 9.8674, 55.2642**, and if you desaturate by 10%, it is **96.7890, 7.0060, 39.6500**.

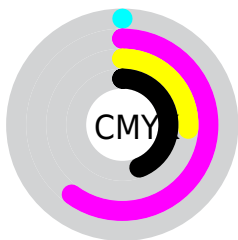
Distribution



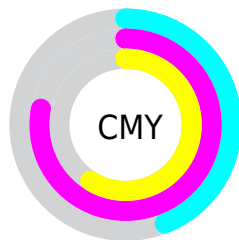
- Red (56%)
- Green (22%)
- Blue (41%)



- Red (56%)
- Yellow (22%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (78%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8870, 8.4367, 47.4571 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 87.8870, 8.4367, 47.4571 by changing the saturation by 10% instead.

87.8870, 8.4367,
47.4571

87.8870, 8.4367,
47.4571

255.0000, 0.0000,
0.0000

61.8160, 9.4577,
46.6424

140.3820, 7.6997,
50.5310

33.2230, 12.2151,
48.9164

167.9800, 7.4049,
51.7605

22.9410, 6.4381,
35.1317

195.3930, 7.6943,
52.2753

13.8550, 0.0715,
23.8062

215.0210, 11.8216,
35.0616

0.0000, 0.0000,
0.0000

233.2810, 10.7075,
19.0476

250.3040, 2.3151,

4.1184

■ 87.8870, 8.4367,
47.4571

■ 87.8870, 8.4367,
47.4571

■ 78.9850, 9.8674,
55.2642

■ 96.7890, 7.0060,
39.6500

■ 70.0830, 11.2981,
63.0712

■ 105.6910, 5.5753,
31.8430

■ 60.4800, 12.5814,
71.4930

■ 115.2940, 4.2921,
23.4212

■ 51.5780, 14.0120,
79.3001

■ 124.1960, 2.8614,
15.6141

■ 133.0980, 1.4307,
7.8071

■ 142.0000, 0.0000,
0.0000

■ 150.9020, -1.4307,
-7.8071

■ 160.3910, -3.1508,
-16.1289

■ 169.4070, -4.1447,
-24.0359

Harmonies

Analogous

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



90.3810, 22.4902, 19.8369



87.8870, 8.4367, 47.4571



85.1150, -7.4517, 56.9041

Triad

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



87.8870, 8.4367, 47.4571



81.3850, -34.2068, 4.9244



75.4920, 30.3234, -66.2065

Complementary

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



87.8870, 8.4367, 47.4571



111.1130, -8.4367, -47.4571

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.



73.1320, 16.2039, -64.1368



87.8870, 8.4367, 47.4571



76.3840, -19.4163, -25.7698

Square

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



87.8870, 8.4367, 47.4571



83.8380, -34.4301, 29.9601



68.4410, 0.7686, -60.0228



74.0220, 39.9222, -64.9173

Rectangle

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



87.8870, 8.4367, 47.4571



85.3350, -17.9132, 52.3262



68.4410, 0.7686, -60.0228



75.0530, 26.1029, -65.8215

Sweetspot

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



87.8870, 8.4367, 47.4571



162.9190, 2.9979, 18.4880



77.7530, 31.6738, 14.2486



79.2340, 1.8566, 11.1958



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.8870, 8.4367, 47.4571



99.3170, 13.1547, 74.2670



83.0990, -9.9088, 51.6562



66.5490, 0.7153, 3.9035



49.0290, 13.2967, 75.3966



2.8480, 0.5679, 4.5183

Inverse Universe

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



87.8870, 8.4367, 47.4571



99.3170, 13.1547, 74.2670



115.9010, 9.9088, -51.6562



66.5490, 0.7153, 3.9035



49.0290, 13.2967, 75.3966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 87.8870, 8.4367, 47.4571 looks on a white background.

Color Contrast Check

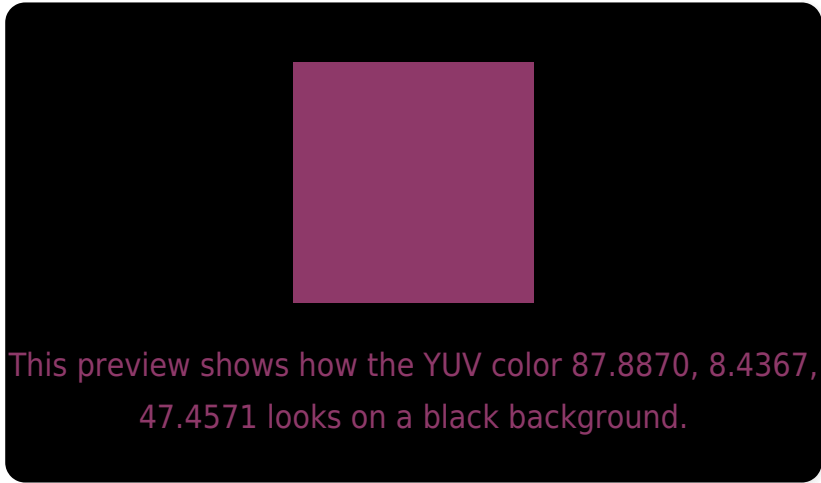
Large Text (above 18pt) WCAG AA ✓ Pass

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

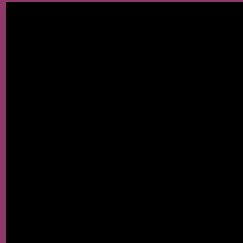
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8870, 8.4367, 47.4571

Background



This preview shows how black text looks on a background with the YUV color 87.8870, 8.4367, 47.4571.



This preview shows how white text looks on a background with the YUV color 87.8870, 8.4367,

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

87.8870, 8.4367, 47.4571

Protanopia

88.2710, 19.0934, -10.7617

Deuteranopia

89.0910, 5.3781, 1.6742



Tritanopia

87.6960, -8.7241, 44.9936

Trichromacy



Original Color

87.8870, 8.4367, 47.4571

Protanomaly

88.0780, 15.2445, 10.4556

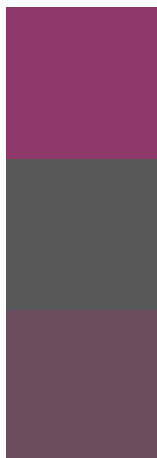
Deuteranomaly

88.5430, 6.6343, 18.8178

Tritanomaly

87.7160, -2.3250, 45.8531

Monochromacy



Original Color

87.8870, 8.4367, 47.4571

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2070, 2.8559, 17.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8870, 8.4367, 47.4571 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(142, 57, 105)` looks like.

```
.text, #text, p{  
    color:rgb(142, 57, 105)  
}
```

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(142, 57, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 57, 105) }
```

Border

The CSS property to change the border of an element to YUV 87.8870, 8.4367, 47.4571 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(142, 57, 105) }
```


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

```
.border{ border-color:rgb(142, 57, 105) }
```

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

Here you see how a box with a 4 pixel rgb(142, 57, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 57, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 57, 105);  
box-shadow:4px 4px 4px 4px rgb(142, 57,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 87.8870, 8.4367, 47.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 57, 105) }
```

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

```
.background{ background-color: rgb(142, 57,  
105) }
```

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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