

Converting Colors

YUV(86.1900, 12.2313, 43.6834)

Have a look what the booklet for
YUV(86.1900, 12.2313, 43.6834)
contains.

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Color

**YUV(86.1900, 12.2313,
43.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	88386F
RGB	136, 56, 111
RGB Percent	53%, 22%, 44%
CMY	0.4667, 0.7804, 0.5647
CMYK	0.00, 0.59, 0.18, 0.47
HSL	319°, 42%, 38%
HSV	319°, 59%, 53%
XYZ	14.4368, 9.2103, 16.0558
YIQ	86.1900, 30.0250, 34.0650

Conversions

Conversions Part 2

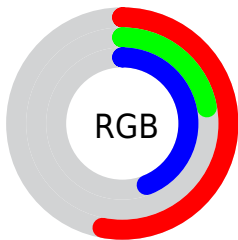
Format	Color
R_{YB}	136, 56, 111
Decimal	8927343
CIE _{Lab}	36.39, 40.97, -15.34
CIE _{LCh}	36, 43.752, 339.473
Yxy	9.2103, 0.3636, 0.2320
Android (android.graphics.Color)	4287117423 (0xFF88386F)
YUV	86.1900, 12.2313, 43.6834
Hunter-Lab	30.3485, 31.8027, -10.1233

Details

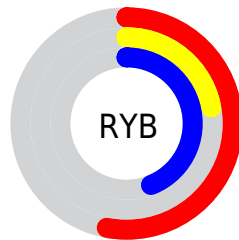
The YUV color **86.1900, 12.2313, 43.6834** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **105.8100, -12.2313, -43.6834**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5000, 12.0785, 46.0425**, and **31.9990, 15.2835, 44.7279** is the 20% darker color. If you saturate the color by 10%, you get **77.5160, 14.5356, 51.2905**, and if you desaturate by 10%, it is **94.8640, 9.9270, 36.0763**.

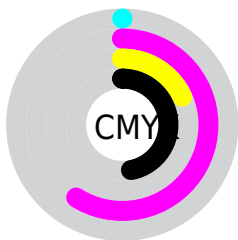
Distribution



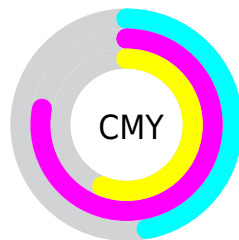
- Red (53%)
- Green (22%)
- Blue (44%)



- Red (53%)
- Yellow (22%)
- Blue (44%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1900, 12.2313, 43.6834 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 86.1900, 12.2313, 43.6834 by changing the saturation by 10% instead.

86.1900, 12.2313,
43.6834

86.1900, 12.2313,
43.6834

255.0000, 0.0000,
0.0000

60.1190, 13.2523,
42.8686

138.5000, 12.0785,
46.0425

31.9990, 15.2835,
44.7279

165.5110, 12.0731,
47.7869

22.0160, 9.3591,
31.5580

193.2230, 12.2151,
48.9164

12.7450, 3.5767,
19.5176

214.6450, 15.4580,
35.3913

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 86.1900, 12.2313,
43.6834

■ 86.1900, 12.2313,
43.6834

■ 77.5160, 14.5356,
51.2905

■ 94.8640, 9.9270,
36.0763

■ 69.3150, 16.1137,
58.4827

■ 103.0650, 8.3490,
28.8840

■ 60.6410, 18.4180,
66.0898

■ 111.7390, 6.0447,
21.2769

■ 52.5540, 20.4329,
73.1821

■ 119.8260, 4.0298,
14.1846

■ 51.3800, 21.0117,
74.2117

■ 128.5000, 1.7255,
6.5775

■ 137.2880, -0.1420,
-1.1296

■ 145.3750, -2.1569,
-8.2219

■ 154.0490, -4.4612,
-15.8290

■ 162.1360, -6.4760,
-22.9213

Harmonies

Analogous

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



87.8360, 25.7169, 11.5448



86.1900, 12.2313, 43.6834



83.1520, -3.5259, 57.7487

Triad

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



86.1900, 12.2313, 43.6834



79.1040, -38.0123, 12.1868



74.1070, 27.5552, -64.9918

Complementary

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



86.1900, 12.2313, 43.6834



105.8100, -12.2313, -43.6834

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.



70.8180, 12.4147, -62.1074



86.1900, 12.2313, 43.6834



75.4620, -24.3848, -18.8222

Square

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



86.1900, 12.2313, 43.6834



82.0990, -33.5728, 34.9932



65.5400, -2.7312, -57.4786



73.5660, 38.1750, -64.5174

Rectangle

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



86.1900, 12.2313, 43.6834



82.5680, -14.5770, 55.6299



65.5400, -2.7312, -57.4786



73.4400, 22.4611, -64.4069

Sweetspot

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



86.1900, 12.2313, 43.6834



156.0760, 4.8925, 17.4733



72.2960, 31.4061, 6.7564



77.1630, 2.8776, 10.3810



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.



86.1900, 12.2313, 43.6834



98.1790, 19.1388, 68.2490



81.7440, -4.8038, 47.5825



64.6630, 1.1521, 3.8035



50.1410, 20.1435, 72.6673



1.9510, 1.0102, 2.6740

Inverse Universe

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



86.1900, 12.2313, 43.6834



98.1790, 19.1388, 68.2490



110.2560, 4.8038, -47.5825



64.6630, 1.1521, 3.8035



50.1410, 20.1435, 72.6673



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 86.1900, 12.2313, 43.6834 looks on a white background.

Color Contrast Check

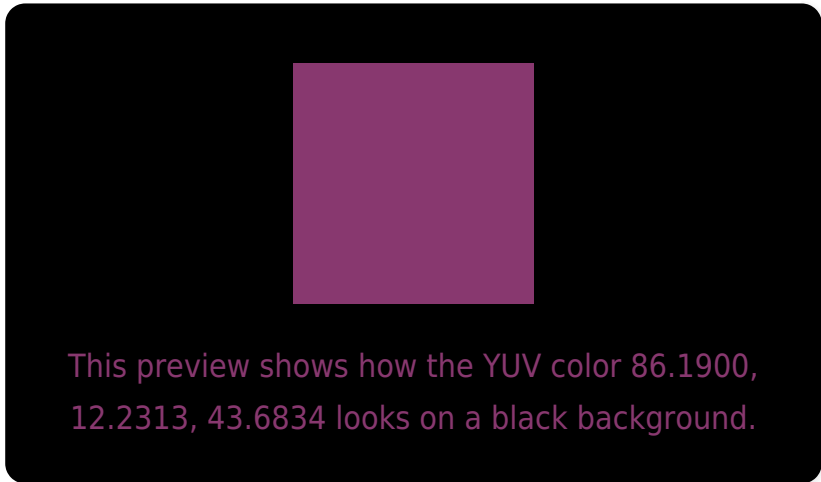
Large Text (above 18pt) WCAG AA ✓ Pass

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

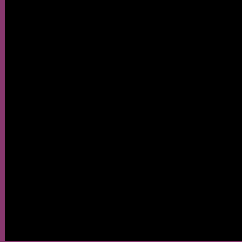
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1900, 12.2313, 43.6834

Background



This preview shows how black text looks on a background with the YUV color 86.1900, 12.2313, 43.6834.



This preview shows how white text looks on a background with the YUV color 86.1900, 12.2313,

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

86.1900, 12.2313, 43.6834

Protanopia

85.6880, 23.3248, -14.6354

Deuteranopia

87.3940, 9.1728, -2.0995



Tritanopia

86.1900, -7.9817, 40.1754

Trichromacy



Original Color

86.1900, 12.2313, 43.6834

Protanomaly

85.4950, 19.4760, 6.5819

Deuteranomaly

86.8460, 10.4289, 15.0441

Tritanomaly

85.8510, -0.4195, 41.3497

Monochromacy



Original Color

86.1900, 12.2313, 43.6834

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9510, 4.4612, 15.8290

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1900, 12.2313, 43.6834 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(136, 56, 111)` looks like.

```
.text, #text, p{  
    color:rgb(136, 56, 111)  
}
```

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(136, 56, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 56, 111) }
```

Border

The CSS property to change the border of an element to YUV 86.1900, 12.2313, 43.6834 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(136, 56, 111) }
```


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

```
.border{ border-color:rgb(136, 56, 111) }
```

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

Here you see how a box with a 4 pixel rgb(136, 56, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 56, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 56, 111);  
box-shadow:4px 4px 4px 4px rgb(136, 56,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 86.1900, 12.2313, 43.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 56, 111) }
```

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

```
.background{ background-color: rgb(136, 56,  
111) }
```

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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