

Converting Colors

YUV(86.5970, 8.0867, 19.6474)

Have a look what the booklet for
YUV(86.5970, 8.0867, 19.6474)
contains.

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Color

**YUV(86.5970, 8.0867,
19.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4867
RGB	109, 72, 103
RGB Percent	43%, 28%, 40%
CMY	0.5725, 0.7176, 0.5961
CMYK	0.00, 0.34, 0.06, 0.57
HSL	310°, 20%, 35%
HSV	310°, 34%, 43%
XYZ	11.0722, 8.8652, 13.9596
YIQ	86.5970, 12.1010, 17.4850

Conversions

Conversions Part 2

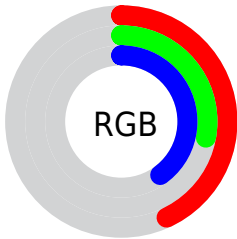
Format	Color
R_{YB}	109, 72, 103
Decimal	7161959
CIE _{Lab}	35.72, 21.25, -11.67
CIE _{LCh}	36, 24.242, 331.224
Yxy	8.8652, 0.3266, 0.2615
Android (android.graphics.Color)	4285352039 (0xFF6D4867)
YUV	86.5970, 8.0867, 19.6474
Hunter-Lab	29.7745, 14.2733, -6.9555




Details

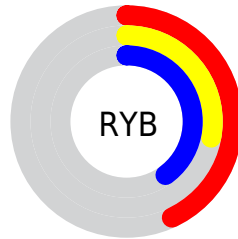
The YUV color **86.5970, 8.0867, 19.6474** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.4030, -8.0867, -19.6474**, and the grayscale version is **87.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **136.7220, 8.5181, 21.2918**, and **40.1730, 7.8027, 17.3883** is the 20% darker color. If you saturate the color by 10%, you get **79.9120, 10.3964, 25.5102**, and if you desaturate by 10%, it is **93.2820, 5.7770, 13.7847**.

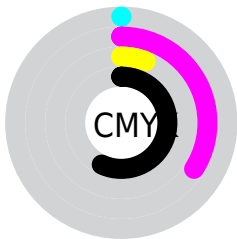
Distribution







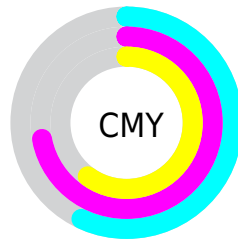
-  Red (43%)
-  Green (28%)
-  Blue (40%)






-  Red (43%)
-  Yellow (28%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (6%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (72%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5970, 8.0867, 19.6474 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 86.5970, 8.0867, 19.6474 by changing the saturation by 10% instead.

86.5970, 8.0867,
19.6474

86.5970, 8.0867,
19.6474

255.0000, 0.0000,
0.0000

62.8850, 7.9447,
18.5179

136.7220, 8.5181,
21.2918

40.1730, 7.8027,
17.3883

163.1350, 8.8074,
21.8066

18.2870, 8.2395,
17.2883

190.5480, 9.0968,
22.3214

1.8520, 4.5100,
0.1298

218.2600, 9.2388,
23.4510

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

86.5970, 8.0867,
19.6474

86.5970, 8.0867,
19.6474

79.9120, 10.3964,
25.5102

93.2820, 5.7770,
13.7847

73.2270, 12.7061,
31.3729

99.9670, 3.4673,
7.9219

66.6560, 15.4526,
37.1357

106.5380, 0.7208,
2.1592

59.9710, 17.7623,
42.9984

113.2230, -1.5889,
-3.7036

53.2860, 20.0720,
48.8612

119.9080, -3.8986,
-9.5663

47.1880, 22.0923,
54.2091


126.0060, -5.9190,
-14.9143

42.9650, 23.6813,
57.9127

132.5770, -8.6655,
-20.6770

139.2620,

-10.9752, -26.5398

 145.9470,
-13.2849, -32.4025

Harmonies

Analogous

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



85.7240, 15.4191, 1.1191



86.5970, 8.0867, 19.6474



85.9590, -0.9658, 29.8540

Triad

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



86.5970, 8.0867, 19.6474



82.5550, -18.5146, 11.7913



66.9200, 17.7874, -58.6888

Complementary

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



86.5970, 8.0867, 19.6474



94.4030, -8.0867, -19.6474

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.



71.3320, 6.2453, -43.2642



86.5970, 8.0867, 19.6474



80.6670, -15.1188, -4.0930

Square

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



86.5970, 8.0867, 19.6474



83.8000, -16.6634, 24.7314



77.5490, -6.1867, -22.4065



71.3540, 22.9965, -49.4225

Rectangle

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



86.5970, 8.0867, 19.6474



85.0750, -6.9390, 32.3832



77.5490, -6.1867, -22.4065



66.2360, 15.1667, -58.0890

Sweetspot

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



86.5970, 8.0867, 19.6474



134.4400, 2.7411, 7.5071



78.0120, 15.2771, -0.0105



66.1900, 1.8783, 4.2184



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



86.5970, 8.0867, 19.6474



107.2270, 12.7061, 31.3729



84.5450, 0.2243, 21.4470



50.3640, 1.2995, 3.1888



46.1550, 25.5596, 62.1311



96.6250, 53.4289, 130.1249

Inverse Universe

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



86.5970, 8.0867, 19.6474



107.2270, 12.7061, 31.3729



96.4550, -0.2243, -21.4470



50.3640, 1.2995, 3.1888



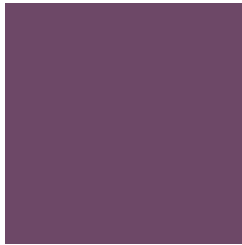
46.1550, 25.5596, 62.1311



96.6250, 53.4289, 130.1249

Previews

White Background



This preview shows how the YUV color 86.5970, 8.0867, 19.6474 looks on a white background.

Color Contrast Check

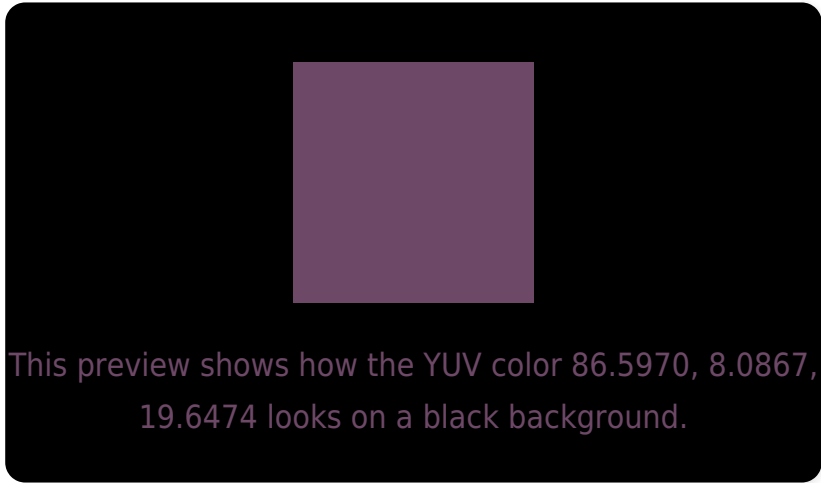
Large Text (above 18pt) WCAG AA ✓ Pass

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

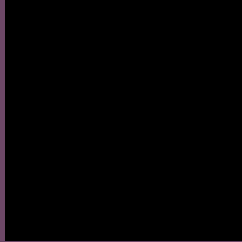
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5970, 8.0867, 19.6474

Background



This preview shows how black text looks on a background with the YUV color 86.5970, 8.0867, 19.6474.



This preview shows how white text looks on a background with the YUV color 86.5970, 8.0867, 19.6474.

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

86.5970, 8.0867, 19.6474

Protanopia

84.3980, 13.1148, -6.4880

Deuteranopia

84.7640, 8.0043, -0.6700



Tritanopia

85.6540, -1.8014, 17.8434

Trichromacy



Original Color

86.5970, 8.0867, 19.6474

Protanomaly

85.2960, 11.1931, 3.2484

Deuteranomaly

85.2210, 8.2720, 6.8222

Tritanomaly

86.2780, 1.8349, 18.1732

Monochromacy



Original Color

86.5970, 8.0867, 19.6474

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5970, 8.0867, 19.6474 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(109, 72, 103)` looks like.

```
.text, #text, p{  
    color:rgb(109, 72, 103)  
}
```

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(109, 72, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 72, 103) }
```

Border

The CSS property to change the border of an element to YUV 86.5970, 8.0867, 19.6474 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(109, 72, 103) }
```


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

```
.border{ border-color:rgb(109, 72, 103) }
```

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

Here you see how a box with a 4 pixel rgb(109, 72, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 72, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 72, 103);  
box-shadow:4px 4px 4px 4px rgb(109, 72,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 86.5970, 8.0867, 19.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 72, 103) }
```

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

```
.background{ background-color: rgb(109, 72,  
103) }
```

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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