

Converting Colors

YUV(96.8650, 4.9966, 30.8134)

Have a look what the booklet for
YUV(96.8650, 4.9966, 30.8134)
contains.

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Color

**YUV(96.8650, 4.9966,
30.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	844D6B
RGB	132, 77, 107
RGB Percent	52%, 30%, 42%
CMY	0.4824, 0.6980, 0.5804
CMYK	0.00, 0.42, 0.19, 0.48
HSL	327°, 26%, 41%
HSV	327°, 42%, 52%
XYZ	14.8234, 11.2748, 15.3049
YIQ	96.8650, 23.1500, 20.9900

Conversions

Conversions Part 2

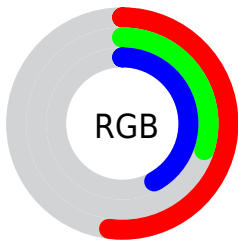
Format	Color
R_{YB}	132, 77, 107
Decimal	8670571
CIE _{Lab}	40.04, 27.59, -7.37
CIE _{LCh}	40, 28.555, 345.045
Yxy	11.2748, 0.3580, 0.2723
Android (android.graphics.Color)	4286860651 (0xFF844D6B)
YUV	96.8650, 4.9966, 30.8134
Hunter-Lab	33.5780, 20.0396, -3.5198

Details

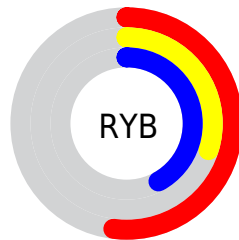
The YUV color **96.8650, 4.9966, 30.8134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **112.1350, -4.9966, -30.8134**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1750, 4.8437, 33.1725**, and **48.6690, 5.5862, 28.3543** is the 20% darker color. If you saturate the color by 10%, you get **88.5500, 6.1379, 38.1057**, and if you desaturate by 10%, it is **105.1800, 3.8553, 23.5211**.

Distribution



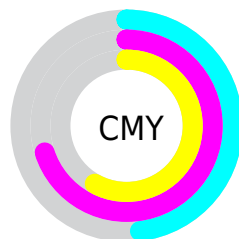
- Red (52%)
- Green (30%)
- Blue (42%)



- Red (52%)
- Yellow (30%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (48%)



- Cyan (48%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8650, 4.9966, 30.8134 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 96.8650, 4.9966, 30.8134 by changing the saturation by 10% instead.

96.8650, 4.9966,
30.8134

96.8650, 4.9966,
30.8134

255.0000, 0.0000,
0.0000

72.2670, 5.2914,
29.5838

148.1750, 4.8437,
33.1725

48.6690, 5.5862,
28.3543

174.8870, 4.9857,
34.3021

24.8970, 6.4598,
28.1543

203.1860, 4.8383,
34.9169

13.4140, 2.2609,
21.5619

225.8150, 7.4862,
25.5952

0.0000, 0.0000,
0.0000

244.4340, 5.2090,
9.2664

■ 96.8650, 4.9966,
30.8134

■ 96.8650, 4.9966,
30.8134

■ 88.5500, 6.1379,
38.1057

■ 105.1800, 3.8553,
23.5211

■ 80.2350, 7.2791,
45.3979

■ 113.4950, 2.7140,
16.2289

■ 71.3330, 8.7098,
53.2050

■ 122.3970, 1.2833,
8.4218

■ 63.0180, 9.8511,
60.4972

■ 130.7120, 0.1420,
1.1296

■ 54.7030, 10.9924,
67.7895

■ 139.0270, -0.9993,
-6.1627

■ 47.6760, 11.9917,
73.9521

■ 147.3420, -2.1406,
-13.4549

■ 155.6570, -3.2819,
-20.7472

■ 164.5590, -4.7126,

-28.5542

■ 172.8740, -5.8539,
-35.8465

Harmonies

Analogous

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



96.9750, 14.8023, 12.2999



96.8650, 4.9966, 30.8134



95.6350, -6.2291, 38.0311

Triad

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



96.8650, 4.9966, 30.8134



91.4140, -21.4031, 4.8989



76.1130, 25.0873, -66.7511

Complementary

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



96.8650, 4.9966, 30.8134



112.1350, -4.9966, -30.8134

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.



74.8930, 15.3358, -65.6812



96.8650, 4.9966, 30.8134



87.9430, -13.7759, -14.8590

Square

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



96.8650, 4.9966, 30.8134



93.4100, -21.8941, 22.4424



82.9320, -0.4595, -39.4054



83.5160, 27.3536, -46.9335

Rectangle

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



96.8650, 4.9966, 30.8134



95.2020, -12.9176, 36.6568



82.9320, -0.4595, -39.4054



75.9020, 21.7403, -66.5661

Sweetspot

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



96.8650, 4.9966, 30.8134



156.9460, 1.9986, 12.3254



90.7450, 20.3387, 9.8706



77.9840, 0.9939, 7.9070



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.8650, 4.9966, 30.8134



116.0720, 7.8525, 48.1719



93.7870, -6.7970, 33.5128



62.1360, 0.4260, 3.3887



46.9640, 11.8497, 72.8226



1.0110, -0.0054, 1.7444

Inverse Universe

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



96.8650, 4.9966, 30.8134



116.0720, 7.8525, 48.1719



115.2130, 6.7970, -33.5128



62.1360, 0.4260, 3.3887



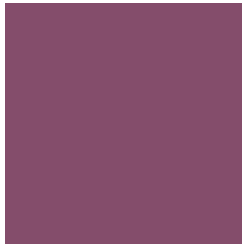
46.9640, 11.8497, 72.8226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 96.8650, 4.9966, 30.8134 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 × Fail

Black Background



This preview shows how the YUV color 96.8650, 4.9966, 30.8134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

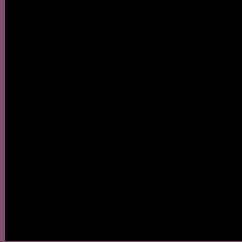
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8650, 4.9966, 30.8134

Background



This preview shows how black text looks on a background with the YUV color 96.8650, 4.9966, 30.8134.



This preview shows how white text looks on a background with the YUV color 96.8650, 4.9966,

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

96.8650, 4.9966, 30.8134

Protanopia

95.2410, 11.2202, -5.4734

Deuteranopia

95.7600, 4.0623, 3.7185



Tritanopia

96.3350, -4.6022, 29.5242

Trichromacy



Original Color

96.8650, 4.9966, 30.8134

Protanomaly

96.0470, 8.8508, 7.8518

Deuteranomaly

96.5270, 4.1772, 13.5698

Tritanomaly

96.8450, -1.4026, 29.9539

Monochromacy



Original Color

96.8650, 4.9966, 30.8134

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2340, 1.8566, 11.1958

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8650, 4.9966, 30.8134 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(132, 77, 107)` looks like.

```
.text, #text, p{  
    color:rgb(132, 77, 107)  
}
```

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(132, 77, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 77, 107) }
```

Border

The CSS property to change the border of an element to YUV 96.8650, 4.9966, 30.8134 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(132, 77, 107) }
```


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

```
.border{ border-color:rgb(132, 77, 107) }
```

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

Here you see how a box with a 4 pixel rgb(132, 77, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 77, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 77, 107);  
box-shadow:4px 4px 4px 4px rgb(132, 77,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 96.8650, 4.9966, 30.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 77, 107) }
```

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

```
.background{ background-color: rgb(132, 77,  
107) }
```

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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