

Converting Colors

YUV(105.9870, 13.3174,
21.9364)

Have a look what the booklet for
YUV(105.9870, 13.3174, 21.9364)
contains.

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Color

**YUV(105.9870, 13.3174,
21.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	835885
RGB	131, 88, 133
RGB Percent	51%, 35%, 52%
CMY	0.4863, 0.6549, 0.4784
CMYK	0.02, 0.34, 0.00, 0.48
HSL	297°, 20%, 43%
HSV	297°, 34%, 52%
XYZ	17.0834, 13.4982, 23.8953
YIQ	105.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

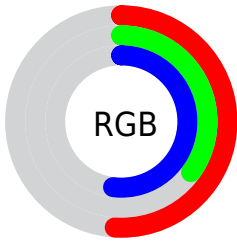
Format	Color
R_{YB}	131, 88, 133
Decimal	8607877
CIE _{Lab}	43.50, 25.69, -18.04
CIE _{LCh}	44, 31.392, 324.916
Yxy	13.4982, 0.3136, 0.2478
Android (android.graphics.Color)	4286797957 (0xFF835885)
YUV	105.9870, 13.3174, 21.9364
Hunter-Lab	36.7399, 18.7047, -12.8438

Details

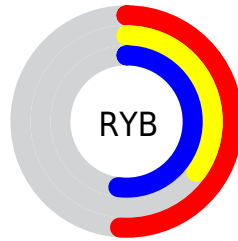
The YUV color **105.9870, 13.3174, 21.9364** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115.0130, -13.3174, -21.9364**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1120, 13.7488, 23.5808**, and **57.7480, 12.4492, 20.3920** is the 20% darker color. If you saturate the color by 10%, you get **98.0570, 17.2269, 28.0140**, and if you desaturate by 10%, it is **113.9170, 9.4079, 15.8588**.

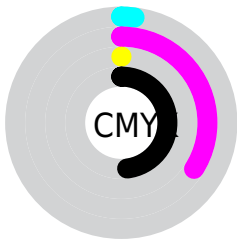
Distribution



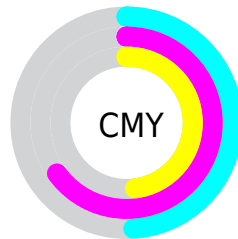
- Red (51%)
- Green (35%)
- Blue (52%)



- Red (51%)
- Yellow (35%)
- Blue (52%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.9870, 13.3174, 21.9364 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 105.9870, 13.3174, 21.9364 by changing the saturation by 10% instead.

105.9870, 13.3174,
21.9364

105.9870, 13.3174,
21.9364

255.0000, 0.0000,
0.0000

81.2750, 13.1754,
20.8068

158.1120, 13.7488,
23.5808

57.7480, 12.4492,
20.3920

184.9380, 14.3276,
24.6104

35.0360, 12.3073,
19.2624

212.9380, 14.3276,
24.6104

15.0960, 11.2917,
18.3328

235.0420, 9.8393,
17.5032

2.4110, 6.6994,
-2.1144

251.4780, 1.7363,
3.0888

0.0000, 0.0000,
0.0000

■ 105.9870, 13.3174,
21.9364

■ 105.9870, 13.3174,
21.9364

■ 98.0570, 17.2269,
28.0140

■ 113.9170, 9.4079,
15.8588

■ 89.8390, 21.2784,
35.2212

■ 122.1350, 5.3564,
8.6516

■ 81.9090, 25.1879,
41.2988

■ 130.0650, 1.4470,
2.5740

■ 74.2780, 28.9499,
47.9912

■ 137.6960, -2.3151,
-4.1184

■ 65.7610, 33.1488,
54.5836

■ 146.2130, -6.5140,
-10.7108

■ 57.8310, 37.0583,
60.6612


■ 154.1430,
-10.4235, -16.7884

■ 53.1350, 39.3734,
64.7796

■ 161.7740,
-14.1856, -23.4808

■ 169.7040,

-18.0951, -29.5584

 177.9220,
-22.1465, -36.7656

Harmonies

Analogous

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



103.9280, 22.7135, -5.1989



105.9870, 13.3174, 21.9364



104.9970, 1.4805, 38.5906

Triad

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



105.9870, 13.3174, 21.9364



101.1770, -25.2303, 19.1388



82.2280, 20.5936, -72.1140

Complementary

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



105.9870, 13.3174, 21.9364



115.0130, -13.3174, -21.9364

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.



84.8310, 5.9993, -57.7338



105.9870, 13.3174, 21.9364



98.5550, -21.9656, -1.3637

Square

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



105.9870, 13.3174, 21.9364



102.2420, -20.3323, 34.8678



94.2730, -10.9806, -24.7954



82.8610, 30.6345, -72.6691

Rectangle

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



105.9870, 13.3174, 21.9364



104.2550, -6.5347, 42.7494



94.2730, -10.9806, -24.7954



81.2020, 16.6624, -71.2142

Sweetspot

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



105.9870, 13.3174, 21.9364



163.0210, 4.9196, 8.7516



94.3040, 19.0771, -5.5286



80.2440, 3.3307, 5.0480



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.



105.9870, 13.3174, 21.9364



130.4260, 20.9890, 34.7064



104.3050, 4.2866, 25.1655



62.4780, 1.7363, 3.0888



51.8960, 38.5053, 63.2352



0.9400, 1.0156, 0.9296

Inverse Universe

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



101.6830, -5.7597, 27.4650



123.5710, -9.1555, 43.3492



116.6950, -4.2866, -25.1655



61.7940, -0.8844, 3.6887



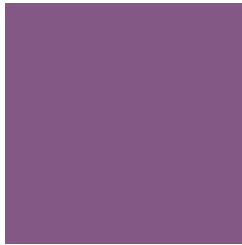
39.5540, -16.5421, 79.3211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 105.9870, 13.3174, 21.9364 looks on a white background.

Color Contrast Check

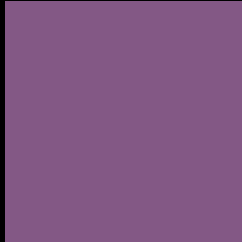
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.9870, 13.3174, 21.9364 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 105.9870, 13.3174, 21.9364 Background



This preview shows how black text looks on a background with the YUV color 105.9870, 13.3174, 21.9364.



This preview shows how white text looks on a background with the YUV color 105.9870, 13.3174,

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

105.9870, 13.3174, 21.9364

Protanopia

103.3850, 19.5302, -10.8616

Deuteranopia

103.8220, 13.3988, -4.2289



Tritanopia

104.7790, -1.3700, 19.4878

Trichromacy



Original Color

105.9870, 13.3174, 21.9364

Protanomaly

104.4790, 17.0189, 1.3339

Deuteranomaly

104.5890, 13.5136, 5.6224

Tritanomaly

105.1580, 3.8661, 20.0324

Monochromacy



Original Color

105.9870, 13.3174, 21.9364

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7220, 5.0671, 8.1368

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9870, 13.3174, 21.9364 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(131, 88, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 88, 133)  
}
```

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(131, 88, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 88, 133) }
```

Border

The CSS property to change the border of an element to YUV 105.9870, 13.3174, 21.9364 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(131, 88, 133) }
```


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

```
.border{ border-color:rgb(131, 88, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 88, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 88, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 88, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 88,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 105.9870, 13.3174, 21.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 88, 133) }
```

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

```
.background{ background-color: rgb(131, 88,  
133) }
```

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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