

Converting Colors

YUV(101.8570, 13.8745,
29.9434)

Have a look what the booklet for
YUV(101.8570, 13.8745, 29.9434)
contains.

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Color

**YUV(101.8570, 13.8745,
29.9434)**

Conversions

Conversions Part 1

Format	Color
Hex	884F82
RGB	136, 79, 130
RGB Percent	53%, 31%, 51%
CMY	0.4667, 0.6902, 0.4902
CMYK	0.00, 0.42, 0.04, 0.47
HSL	306°, 27%, 42%
HSV	306°, 42%, 53%
XYZ	16.9786, 12.4379, 22.6250
YIQ	101.8570, 17.6010, 27.9450

Conversions

Conversions Part 2

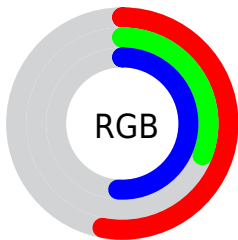
Format	Color
R_{YB}	136, 79, 130
Decimal	8933250
CIE _{Lab}	41.90, 32.01, -18.63
CIE _{LCh}	42, 37.034, 329.805
Yxy	12.4379, 0.3263, 0.2390
Android (android.graphics.Color)	4287123330 (0xFF884F82)
YUV	101.8570, 13.8745, 29.9434
Hunter-Lab	35.2674, 24.2162, -13.3489

Details

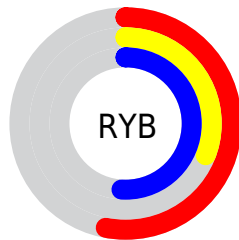
The YUV color **101.8570, 13.8745, 29.9434** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113.1430, -13.8745, -29.9434**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9820, 14.3059, 31.5878**, and **52.7320, 13.4431, 28.2990** is the 20% darker color. If you saturate the color by 10%, you get **93.5250, 17.4892, 37.2506**, and if you desaturate by 10%, it is **110.1890, 10.2598, 22.6362**.

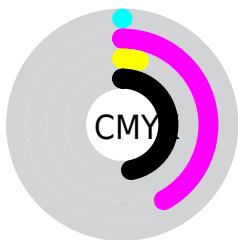
Distribution



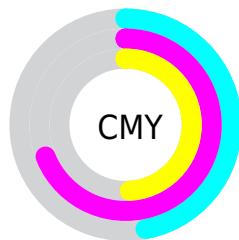
- Red (53%)
- Green (31%)
- Blue (51%)



- Red (53%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (4%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.8570, 13.8745, 29.9434 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 101.8570, 13.8745, 29.9434 by changing the saturation by 10% instead.

101.8570, 13.8745,
29.9434

101.8570, 13.8745,
29.9434

255.0000, 0.0000,
0.0000

77.1450, 13.7325,
28.8138

153.9820, 14.3059,
31.5878

52.7320, 13.4431,
28.2990

181.1070, 14.7372,
33.2322

27.9600, 14.3167,
28.0991

208.8190, 14.8792,
34.3617

15.7650, 9.9759,
20.3771

229.1720, 12.7332,
22.6512

1.2540, 4.8048,
-1.0998

246.1950, 4.3409,
7.7220

0.0000, 0.0000,
0.0000

101.8570, 13.8745,
29.9434

101.8570, 13.8745,
29.9434

93.5250, 17.4892,
37.2506

110.1890, 10.2598,
22.6362

85.6660, 20.3777,
44.1429

118.0480, 7.3713,
15.7439

77.3340, 23.9923,
51.4501

126.3800, 3.7567,
8.4367

69.4750, 26.8808,
58.3424

134.2390, 0.8682,
1.5444

61.1430, 30.4955,
65.6496

142.5710, -2.7465,
-5.7628


54.5720, 33.2420,
71.4124

151.0170, -5.9244,
-13.1699

158.7620, -9.2497,
-19.9623

167.0940,

-12.8643, -27.2694

 174.9530,
-15.7528, -34.1618

Harmonies

Analogous

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



100.6450, 25.3180, -0.5657



101.8570, 13.8745, 29.9434



99.7100, 0.1430, 47.6123

Triad

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



101.8570, 13.8745, 29.9434



95.6130, -29.8822, 17.8794



81.5100, 22.9196, -71.4843

Complementary

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



101.8570, 13.8745, 29.9434



113.1430, -13.8745, -29.9434

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.



78.0900, 9.8156, -68.4849



101.8570, 13.8745, 29.9434



92.8380, -24.5701, -5.9969

Square

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



101.8570, 13.8745, 29.9434



97.5860, -25.4319, 37.1971



86.2500, -9.4902, -36.1763



81.7840, 34.1235, -71.7246

Rectangle

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



101.8570, 13.8745, 29.9434



98.6150, -9.1772, 50.3266



86.2500, -9.4902, -36.1763



80.4840, 18.9884, -70.5845

Sweetspot

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



101.8570, 13.8745, 29.9434



162.2710, 5.7824, 12.0403



87.2920, 24.0130, -2.0101



80.6680, 3.6147, 7.3072



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.



101.8570, 13.8745, 29.9434



123.3180, 21.5352, 46.2021



98.6650, 1.6442, 32.7428



64.7770, 1.5889, 3.7036



53.3330, 32.3738, 69.8680



2.0650, 1.4470, 2.5740

Inverse Universe

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



101.8570, 13.8745, 29.9434



123.3180, 21.5352, 46.2021



116.3350, -1.6442, -32.7428



64.7770, 1.5889, 3.7036



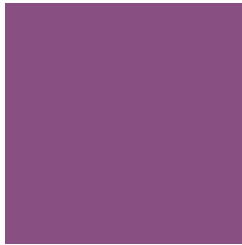
53.3330, 32.3738, 69.8680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 101.8570, 13.8745, 29.9434 looks on a white background.

Color Contrast Check

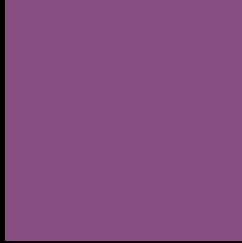
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.8570, 13.8745, 29.9434 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 101.8570, 13.8745, 29.9434 Background



This preview shows how black text looks on a background with the YUV color 101.8570, 13.8745, 29.9434.



This preview shows how white text looks on a background with the YUV color 101.8570, 13.8745,

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

101.8570, 13.8745, 29.9434

Protanopia

99.0580, 22.1564, -13.2059

Deuteranopia

99.8220, 13.3988, -4.2289



Tritanopia

101.1390, -4.0125, 27.0651

Trichromacy



Original Color

101.8570, 13.8745, 29.9434

Protanomaly

100.0600, 19.1974, 2.5784

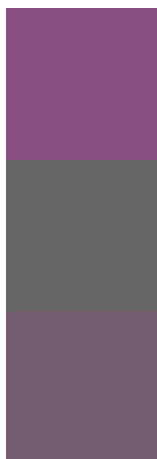
Deuteranomaly

100.3120, 13.6502, 8.4964

Tritanomaly

101.1590, 2.3866, 27.9246

Monochromacy



Original Color

101.8570, 13.8745, 29.9434

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0320, 4.9142, 10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8570, 13.8745, 29.9434 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, 79, 130)` looks like.

```
.text, #text, p{  
    color:rgb(136, 79, 130)  
}
```

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, 79, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 79, 130) }
```

Border

The CSS property to change the border of an element to YUV 101.8570, 13.8745, 29.9434 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, 79, 130) }
```


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

```
.border{ border-color:rgb(136, 79, 130) }
```

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

Here you see how a box with a 4 pixel rgb(136, 79, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 79, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 79, 130);  
box-shadow:4px 4px 4px 4px rgb(136, 79,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 101.8570, 13.8745, 29.9434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 79, 130) }
```

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

```
.background{ background-color: rgb(136, 79,  
130) }
```

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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