

Converting Colors

YUV(100.9710, 14.3113,
29.8434)

Have a look what the booklet for
YUV(100.9710, 14.3113, 29.8434)
contains.

YUV(100.9710, 14.3113, 29.8434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.9710, 14.3113,
29.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	874E82
RGB	135, 78, 130
RGB Percent	53%, 31%, 51%
CMY	0.4706, 0.6941, 0.4902
CMYK	0.00, 0.42, 0.04, 0.47
HSL	305°, 27%, 42%
HSV	305°, 42%, 53%
XYZ	16.7453, 12.2114, 22.5935
YIQ	100.9710, 17.2800, 28.2560

Conversions

Conversions Part 2

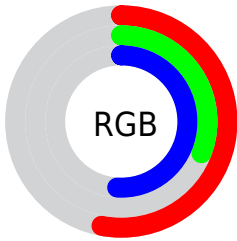
Format	Color
R_{YB}	135, 78, 130
Decimal	8867458
CIE _{Lab}	41.55, 32.24, -19.18
CIE _{LCh}	42, 37.513, 329.248
Yxy	12.2114, 0.3248, 0.2369
Android (android.graphics.Color)	4287057538 (0xFF874E82)
YUV	100.9710, 14.3113, 29.8434
Hunter-Lab	34.9448, 24.3827, -13.8726

Details

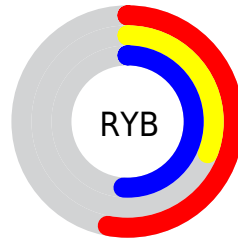
The YUV color **100.9710, 14.3113, 29.8434** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **112.0290, -14.3113, -29.8434**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0960, 14.7427, 31.4878**, and **51.8460, 13.8799, 28.1991** is the 20% darker color. If you saturate the color by 10%, you get **93.2260, 17.6366, 36.6358**, and if you desaturate by 10%, it is **109.3030, 10.6966, 22.5363**.

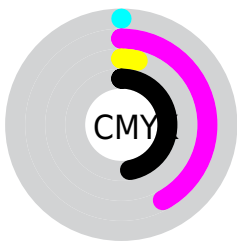
Distribution



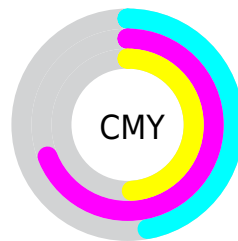
- Red (53%)
- Green (31%)
- Blue (51%)



- 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 100.9710, 14.3113, 29.8434 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 100.9710, 14.3113, 29.8434 by changing the saturation by 10% instead.

100.9710, 14.3113,
29.8434

100.9710, 14.3113,
29.8434

255.0000, 0.0000,
0.0000

76.2590, 14.1693,
28.7139

153.0960, 14.7427,
31.4878

51.8460, 13.8799,
28.1991

180.2210, 15.1740,
33.1322

27.0740, 14.7535,
27.9991

207.6340, 15.4634,
33.6470

15.7650, 9.9759,
20.3771

228.5850, 13.0226,
23.1660

1.2540, 4.8048,
-1.0998

245.6080, 4.6303,
8.2368

0.0000, 0.0000,
0.0000

100.9710, 14.3113,
29.8434

100.9710, 14.3113,
29.8434

93.2260, 17.6366,
36.6358

109.3030, 10.6966,
22.5363

84.8940, 21.2513,
43.9430

117.0480, 7.3713,
15.7439

77.0350, 24.1397,
50.8353

125.4940, 4.1935,
8.3368

68.7030, 27.7544,
58.1425

133.2390, 0.8682,
1.5444

60.9580, 31.0797,
64.9348

141.5710, -2.7465,
-5.7628


54.3870, 33.8262,
70.6976

149.3160, -6.0718,
-12.5551

157.6480, -9.6865,
-19.8623

165.3930,

-13.0117, -26.6547

 173.8390,
-16.1896, -34.0618

Harmonies

Analogous

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



99.4600, 25.9022, -1.2804



100.9710, 14.3113, 29.8434



98.8240, 0.5798, 47.5124

Triad

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



100.9710, 14.3113, 29.8434



94.7980, -30.4664, 18.5942



80.8090, 22.7722, -70.8695

Complementary

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



100.9710, 14.3113, 29.8434



112.0290, -14.3113, -29.8434

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.



77.2750, 9.2314, -67.7702



100.9710, 14.3113, 29.8434



91.7240, -25.0069, -5.8969

Square

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



100.9710, 14.3113, 29.8434



96.8850, -25.5793, 37.8119



85.7230, -10.2164, -36.5911



81.0830, 33.9761, -71.1098

Rectangle

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



100.9710, 14.3113, 29.8434



97.6150, -9.1772, 50.3266



85.7230, -10.2164, -36.5911



79.6690, 18.4042, -69.8697

Sweetspot

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



100.9710, 14.3113, 29.8434



162.2710, 5.7824, 12.0403



85.9930, 24.1605, -2.6249



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.



100.9710, 14.3113, 29.8434



122.2580, 22.5508, 47.1317



97.7790, 2.0810, 32.6428



62.4780, 1.7363, 3.0888



52.4360, 32.8161, 68.0236



1.1250, 0.4314, 1.6444

Inverse Universe

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



100.9710, 14.3113, 29.8434



122.2580, 22.5508, 47.1317



115.2210, -2.0810, -32.6428



62.4780, 1.7363, 3.0888



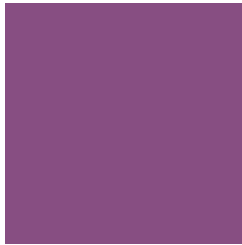
52.4360, 32.8161, 68.0236



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 100.9710, 14.3113, 29.8434 looks on a white background.

Color Contrast Check

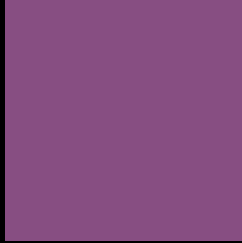
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9710, 14.3113, 29.8434 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 100.9710, 14.3113, 29.8434 Background



This preview shows how black text looks on a background with the YUV color 100.9710, 14.3113, 29.8434.



This preview shows how white text looks on a background with the YUV color 100.9710, 14.3113,

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

100.9710, 14.3113, 29.8434

Protanopia

98.2860, 23.0300, -13.4058

Deuteranopia

99.2240, 13.6936, -5.4584



Tritanopia

99.9540, -3.4283, 26.3503

Trichromacy



Original Color

100.9710, 14.3113, 29.8434

Protanomaly

99.2880, 20.0710, 2.3784

Deuteranomaly

99.7140, 13.9450, 7.2668

Tritanomaly

100.2730, 2.8234, 27.8246

Monochromacy



Original Color

100.9710, 14.3113, 29.8434

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9710, 14.3113, 29.8434 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(135, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(135, 78, 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(135, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 78, 130) }
```

Border

The CSS property to change the border of an element to YUV 100.9710, 14.3113, 29.8434 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(135, 78, 130) }
```


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

```
.border{ border-color:rgb(135, 78, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 78, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(135, 78,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 100.9710, 14.3113, 29.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 78, 130) }
```

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

```
.background{ background-color: rgb(135, 78,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor