

Converting Colors

YUV(128.9300, 6.4435, 33.3874)

Have a look what the booklet for
YUV(128.9300, 6.4435, 33.3874)
contains.

YUV(128.9300, 6.4435, 33.3874)	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(128.9300, 6.4435,
33.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	A76B8E
RGB	167, 107, 142
RGB Percent	65%, 42%, 56%
CMY	0.3451, 0.5804, 0.4431
CMYK	0.00, 0.36, 0.15, 0.35
HSL	325°, 25%, 54%
HSV	325°, 36%, 65%
XYZ	26.0765, 20.6839, 28.2092
YIQ	128.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

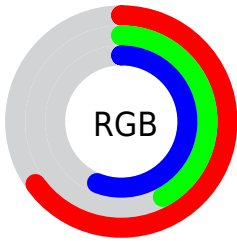
Format	Color
R_{YB}	167, 107, 142
Decimal	10972046
CIE _{Lab}	52.60, 29.20, -9.22
CIE _{LCh}	53, 30.617, 342.474
Yxy	20.6839, 0.3478, 0.2759
Android (android.graphics.Color)	4289162126 (0xFFA76B8E)
YUV	128.9300, 6.4435, 33.3874
Hunter-Lab	45.4795, 22.7571, -4.9396

Details

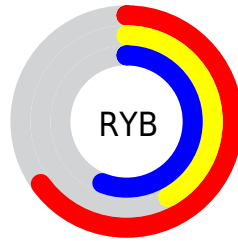
The YUV color **128.9300, 6.4435, 33.3874** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.0700, -6.4435, -33.3874**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3540, 6.7275, 35.6465**, and **78.6200, 6.5963, 31.0283** is the 20% darker color. If you saturate the color by 10%, you get **118.1530, 8.3056, 42.8388**, and if you desaturate by 10%, it is **139.7070, 4.5814, 23.9360**.

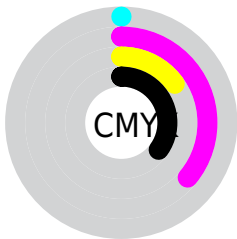
Distribution



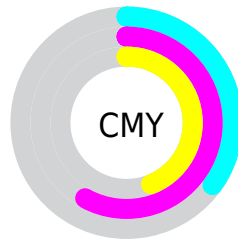
- Red (65%)
- Green (42%)
- Blue (56%)



- Red (65%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (15%)
- Black (35%)



- Cyan (35%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9300, 6.4435, 33.3874 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 128.9300, 6.4435, 33.3874 by changing the saturation by 10% instead.


 128.9300, 6.4435,
33.3874

 128.9300, 6.4435,
33.3874


255.0000, 0.0000,
0.0000


 103.2180, 6.3015,
32.2578

 182.3540, 6.7275,
35.6465


 78.6200, 6.5963,
31.0283


 210.6530, 6.5801,
36.2613

 54.6090, 6.6018,
29.2839

 231.1780, 10.2652,
20.8919

 30.2500, 7.7648,
29.5987

 247.9560, 3.4727,
6.1776

 15.5220, 5.1657,
23.2212

 0.0000, 0.0000,
0.0000

128.9300, 6.4435,
33.3874

128.9300, 6.4435,
33.3874

118.1530, 8.3056,
42.8388

139.7070, 4.5814,
23.9360

107.9630, 9.8782,
51.7754

149.8970, 3.0088,
14.9993

97.1860, 11.7403,
61.2269

160.6740, 1.1467,
5.5479

86.4090, 13.6024,
70.6783

171.4510, -0.7153,
-3.9035

75.6320, 15.4644,
80.1297

181.6410, -2.2880,
-12.8402

65.4420, 17.0371,
89.0664


192.4180, -4.1501,
-22.2916

60.9910, 17.7524,
92.9699

203.1950, -6.0121,
-31.7430

213.9720, -7.8742,

-41.1944

 222.9880, -8.8681,
-49.1015

Harmonies

Analogous

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



128.9580, 17.2757, 12.3148



128.9300, 6.4435, 33.3874



127.6680, -6.2453, 43.2642

Triad

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



128.9300, 6.4435, 33.3874



122.3390, -24.3241, 8.4727



101.0400, 29.0673, -83.3501

Complementary

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



128.9300, 6.4435, 33.3874



145.0700, -6.4435, -33.3874

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.



106.3550, 14.6150, -67.8403



128.9300, 6.4435, 33.3874



119.2590, -16.3967, -14.2591

Square

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



128.9300, 6.4435, 33.3874



125.1610, -24.2364, 27.0458



114.3620, -2.6435, -38.9055



115.6620, 29.2536, -49.6926

Rectangle

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



128.9300, 6.4435, 33.3874



127.0070, -13.8075, 42.0899



114.3620, -2.6435, -38.9055



99.3340, 26.4573, -86.2389

Sweetspot

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



128.9300, 6.4435, 33.3874



201.7720, 2.5774, 13.3550



121.3150, 22.5227, 9.3707



100.5110, 1.7201, 8.3219



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.9300, 6.4435, 33.3874



157.9630, 9.8782, 51.7754



125.5100, -6.6604, 36.3867



78.9620, 1.0047, 4.4183



54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Inverse Universe

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



128.9300, 6.4435, 33.3874



157.9630, 9.8782, 51.7754



148.4900, 6.6604, -36.3867



78.9620, 1.0047, 4.4183



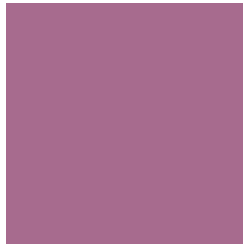
54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 128.9300, 6.4435, 33.3874 looks on a white background.

Color Contrast Check

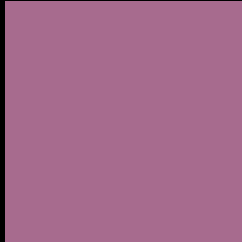
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 128.9300, 6.4435, 33.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

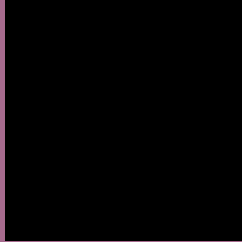
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.9300, 6.4435, 33.3874

Background



This preview shows how black text looks on a background with the YUV color 128.9300, 6.4435, 33.3874.



This preview shows how white text looks on a background with the YUV color 128.9300, 6.4435,

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

128.9300, 6.4435, 33.3874

Protanopia

126.5120, 13.5516, -6.5880

Deuteranopia

126.9280, 5.9515, 4.4481



Tritanopia

127.8730, -3.8814, 31.6834

Trichromacy



Original Color

128.9300, 6.4435, 33.3874

Protanomaly

127.0300, 11.3242, 7.8667

Deuteranomaly

127.9940, 5.9190, 14.9143

Tritanomaly

128.4970, -0.2450, 32.0131

Monochromacy



Original Color

128.9300, 6.4435, 33.3874

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0600, 2.4354, 12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9300, 6.4435, 33.3874 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(167, 107, 142)` looks like.

```
.text, #text, p{  
    color:rgb(167, 107, 142)  
}
```

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(167, 107, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 107, 142) }
```

Border

The CSS property to change the border of an element to YUV 128.9300, 6.4435, 33.3874 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(167, 107, 142) }
```


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

```
.border{ border-color:rgb(167, 107, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 107, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 107, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 107, 142);  
box-shadow:4px 4px 4px 4px rgb(167, 107,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 128.9300, 6.4435, 33.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 107, 142) }
```

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

```
.background{ background-color: rgb(167,  
107, 142) }
```

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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