

Converting Colors

YUV(123.9830, 29.5884,
29.8329)

Have a look what the booklet for
YUV(123.9830, 29.5884, 29.8329)
contains.

YUV(123.9830, 29.5884, 29.8329)	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(123.9830, 29.5884,
29.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5FB8
RGB	158, 95, 184
RGB Percent	62%, 37%, 72%
CMY	0.3804, 0.6275, 0.2784
CMYK	0.14, 0.48, 0.00, 0.28
HSL	282°, 39%, 55%
HSV	282°, 48%, 72%
XYZ	26.8445, 18.9142, 47.5833
YIQ	123.9830, 8.9790, 41.0350

Conversions

Conversions Part 2

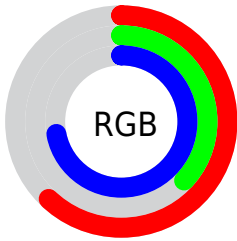
Format	Color
RYB	158, 95, 184
Decimal	10379192
CIELab	50.59, 41.04, -36.97
CIELCh	51, 55.236, 317.988
Yxy	18.9142, 0.2876, 0.2026
Android (android.graphics.Color)	4288569272 (0xFF9E5FB8)
YUV	123.9830, 29.5884, 29.8329
Hunter-Lab	43.4905, 34.0708, -34.4264

Details

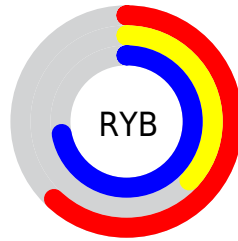
The YUV color **123.9830, 29.5884, 29.8329** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **155.0170, -29.5884, -29.8329**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6350, 30.7459, 31.8921**, and **72.3310, 28.4308, 27.7737** is the 20% darker color. If you saturate the color by 10%, you get **111.9220, 35.5345, 36.0254**, and if you desaturate by 10%, it is **136.0440, 23.6423, 23.6404**.

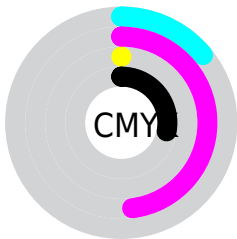
Distribution



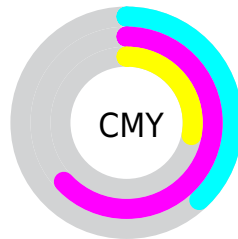
- Red (62%)
- Green (37%)
- Blue (72%)



- Red (62%)
- Yellow (37%)
- Blue (72%)



- Cyan (14%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (63%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9830, 29.5884, 29.8329 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 123.9830, 29.5884, 29.8329 by changing the saturation by 10% instead.

123.9830, 29.5884,
29.8329

123.9830, 29.5884,
29.8329

255.0000, 0.0000,
0.0000

98.1570, 29.0096,
28.8033

177.6350, 30.7459,
31.8921

72.3310, 28.4308,
27.7737

203.8650, 25.2096,
34.3214

46.7440, 28.7202,
28.2885

223.8890, 15.3377,
27.2843

24.9670, 27.1313,
24.5849

240.9120, 6.9454,
12.3552

16.3650, 20.0331,
14.5889

5.0500, 14.2723,
-4.4289

1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 123.9830, 29.5884,
29.8329

■ 123.9830, 29.5884,
29.8329

■ 111.9220, 35.5345,
36.0254

■ 136.0440, 23.6423,
23.6404

■ 98.9750, 41.9173,
42.1179

■ 148.9910, 17.2594,
17.5479

■ 86.9140, 47.8634,
48.3104

■ 161.0520, 11.3134,
11.3554

■ 73.9670, 54.2463,
54.4029

■ 173.9990, 4.9305,
5.2629

■ 61.9060, 60.1923,
60.5954

■ 186.0600, -1.0156,
-0.9296

■ 59.8460, 61.2079,
61.5251

■ 198.1210, -6.9617,
-7.1221

■ 211.0680,
-13.3445, -13.2146

■ 223.1290,
-19.2906, -19.4071

■ 232.2550,
-23.7897, -23.0256

Harmonies

Analogous

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



116.5500, 46.0709, -30.3003



123.9830, 29.5884, 29.8329



119.8770, 10.4136, 66.7599

Triad

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



123.9830, 29.5884, 29.8329



114.8210, -48.7188, 39.6220



100.8130, 23.2632, -88.4130

Complementary

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



123.9830, 29.5884, 29.8329



155.0170, -29.5884, -29.8329

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.



94.0530, 2.4389, -82.4845



123.9830, 29.5884, 29.8329



111.1280, -47.8841, 5.1497

Square

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



123.9830, 29.5884, 29.8329



116.9270, -32.5020, 64.9620



103.5150, -24.9039, -39.0397



103.8400, 42.4769, -91.0677

Rectangle

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



123.9830, 29.5884, 29.8329



117.2730, -3.5856, 76.9366



103.5150, -24.9039, -39.0397



98.9890, 16.2744, -86.8134

Sweetspot

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



123.9830, 29.5884, 29.8329



215.5790, 12.0396, 11.7702



120.9950, 31.0615, -22.7976



105.2920, 7.2510, 7.6369



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



123.9830, 29.5884, 29.8329



146.1480, 46.2690, 46.3512



129.7050, 17.8934, 47.6167



85.8200, 3.0467, 2.7889



50.6740, 51.9257, 52.0289



9.1720, 9.2822, 9.4962

Inverse Universe

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



124.5750, -1.7625, 52.1157



147.1210, -3.0177, 81.4549



149.2950, -17.8934, -47.6167



85.9190, -0.4531, 5.3330



51.7740, -3.3396, 91.4062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 123.9830, 29.5884, 29.8329 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 123.9830, 29.5884, 29.8329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

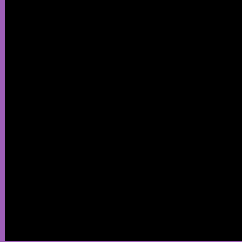
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.9830, 29.5884, 29.8329

Background



This preview shows how black text looks on a background with the YUV color 123.9830, 29.5884, 29.8329.



This preview shows how white text looks on a background with the YUV color 123.9830, 29.5884, 29.8329.

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

123.9830, 29.5884, 29.8329

Protanopia

117.6380, 42.5765, -29.5005

Deuteranopia

119.2510, 29.4563, -21.2681



Tritanopia

122.3880, -1.6703, 22.4617

Trichromacy



Original Color

123.9830, 29.5884, 29.8329

Protanomaly

120.2170, 37.8540, -8.0833

Deuteranomaly

121.0730, 29.5440, -2.6950

Tritanomaly

123.3850, 9.6702, 25.0954

Monochromacy



Original Color

123.9830, 29.5884, 29.8329

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6390, 11.0240, 10.8406

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9830, 29.5884, 29.8329 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(158, 95, 184)` looks like.

```
.text, #text, p{  
    color:rgb(158, 95, 184)  
}
```

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(158, 95, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 95, 184) }
```

Border

The CSS property to change the border of an element to YUV 123.9830, 29.5884, 29.8329 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(158, 95, 184) }
```


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

```
.border{ border-color:rgb(158, 95, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 95, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 95, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 95, 184);  
box-shadow:4px 4px 4px 4px rgb(158, 95,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 123.9830, 29.5884, 29.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 95, 184) }
```

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

```
.background{ background-color: rgb(158, 95,  
184) }
```

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