

Converting Colors

YUV(123.6570, 23.8331, 9.0708)

Have a look what the booklet for
YUV(123.6570, 23.8331, 9.0708)
contains.

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Color

**YUV(123.6570, 23.8331,
9.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	866DAC
RGB	134, 109, 172
RGB Percent	53%, 43%, 67%
CMY	0.4745, 0.5725, 0.3255
CMYK	0.22, 0.37, 0.00, 0.33
HSL	264°, 28%, 55%
HSV	264°, 37%, 67%
XYZ	22.7465, 18.9842, 41.4952
YIQ	123.6570, -5.3230, 24.8930

Conversions

Conversions Part 2

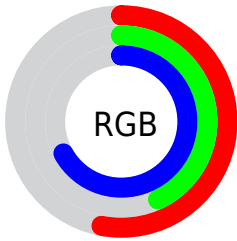
Format	Color
R_{YB}	134, 109, 172
Decimal	8809900
CIE _{Lab}	50.67, 23.06, -30.06
CIE _{LCh}	51, 37.886, 307.501
Yxy	18.9842, 0.2733, 0.2281
Android (android.graphics.Color)	4286999980 (0xFF866DAC)
YUV	123.6570, 23.8331, 9.0708
Hunter-Lab	43.5708, 16.9386, -25.9659

Details

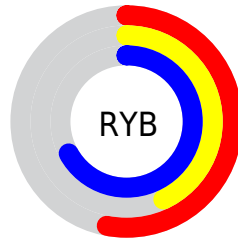
The YUV color **123.6570, 23.8331, 9.0708** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **157.3430, -23.8331, -9.0708**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7110, 25.2855, 9.9005**, and **74.1900, 22.0913, 7.7264** is the 20% darker color. If you saturate the color by 10%, you get **110.6880, 30.2268, 11.6746**, and if you desaturate by 10%, it is **136.6260, 17.4394, 6.4670**.

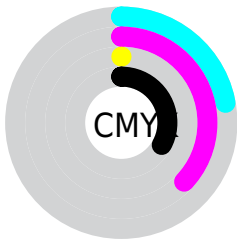
Distribution



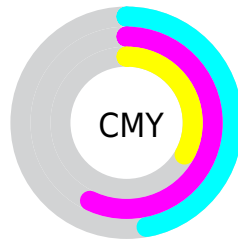
- Red (53%)
- Green (43%)
- Blue (67%)



- Red (53%)
- Yellow (43%)
- Blue (67%)



- Cyan (22%)
- Magenta (37%)
- Yellow (0%)
- Black (33%)



- Cyan (47%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6570, 23.8331, 9.0708 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 123.6570, 23.8331, 9.0708 by changing the saturation by 10% instead.

123.6570, 23.8331,
9.0708

123.6570, 23.8331,
9.0708

255.0000, 0.0000,
0.0000

98.1300, 23.1069,
8.6560

176.7110, 25.2855,
9.9005

74.1900, 22.0913,
7.7264

204.0100, 25.1381,
10.5152

50.9510, 21.2232,
6.1820

229.1170, 12.7603,
13.9294

28.7120, 20.3550,
4.6376

248.5430, 3.1833,
5.6628

10.5550, 18.4604,
5.6523

3.5510, 11.0674,
-3.1142

0.0000, 0.0000,

0.0000

■ 123.6570, 23.8331,
9.0708

■ 123.6570, 23.8331,
9.0708

■ 110.6880, 30.2268,
11.6746

■ 136.6260, 17.4394,
6.4670

■ 97.4200, 36.7679,
13.6637

■ 149.8940, 10.8983,
4.4780

■ 83.8640, 43.4510,
16.7823

■ 163.4500, 4.2152,
1.3594

■ 70.8950, 49.8448,
19.3861

■ 176.4190, -2.1786,
-1.2445

■ 57.6270, 56.3859,
21.3751

■ 189.6870, -8.7197,
-3.2335

■ 44.6580, 62.7796,
23.9789

■ 202.6560,
-15.1134, -5.8373

■ 39.9400, 65.1056,
24.6086

■ 215.9240,
-21.6545, -7.8263

■ 229.4800,
-28.3376, -10.9450

■ 237.1660,
-32.1268, -8.9156

Harmonies

Analogous

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



116.2220, 33.4146, -30.8897



123.6570, 23.8331, 9.0708



124.1030, 10.7952, 37.6207

Triad

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



123.6570, 23.8331, 9.0708



119.3640, -28.7735, 35.6378



95.0110, 16.2636, -83.3246

Complementary

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



123.6570, 23.8331, 9.0708



157.3430, -23.8331, -9.0708

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.



105.9220, -5.3845, -46.4126



123.6570, 23.8331, 9.0708



116.6510, -30.8869, 13.4611

Square

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



123.6570, 23.8331, 9.0708



120.7970, -18.6339, 50.1670



113.3640, -22.3645, -13.4742



97.9580, 30.0937, -85.9092

Rectangle

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



123.6570, 23.8331, 9.0708



122.9490, 1.0111, 49.1567



113.3640, -22.3645, -13.4742



93.7570, 11.4588, -82.2249

Sweetspot

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



123.6570, 23.8331, 9.0708



205.7260, 9.0091, 3.7483



139.0750, 16.2320, -26.3758



101.0910, 5.3781, 1.6742



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



123.6570, 23.8331, 9.0708



148.8330, 37.0573, 14.1785



132.9260, 19.2635, 28.1289



79.9230, 3.4890, 0.9445



35.0400, 56.6753, 21.8899



5.3130, 8.7197, 3.2335

Inverse Universe

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



132.1690, 7.3117, 34.9318



162.0280, 11.3252, 54.3494



148.0740, -19.2635, -28.1289



81.2610, 0.8573, 5.0331



55.2240, 17.6376, 83.1186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 123.6570, 23.8331, 9.0708 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 123.6570, 23.8331, 9.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

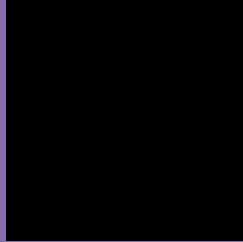
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6570, 23.8331, 9.0708

Background



This preview shows how black text looks on a background with the YUV color 123.6570, 23.8331, 9.0708.



This preview shows how white text looks on a background with the YUV color 123.6570, 23.8331, 9.0708.

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

123.6570, 23.8331, 9.0708

Protanopia

120.2730, 29.4454, -17.7794

Deuteranopia

120.0300, 24.6352, -14.9353



Tritanopia

121.4180, 2.7519, 4.0184

Trichromacy



Original Color

123.6570, 23.8331, 9.0708

Protanomaly

121.1710, 27.5237, -8.0430

Deuteranomaly

121.0850, 24.6081, -6.2135

Tritanomaly

122.3780, 10.1666, 5.8075

Monochromacy



Original Color

123.6570, 23.8331, 9.0708

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1990, 8.2829, 3.3335

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6570, 23.8331, 9.0708 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(134, 109, 172)` looks like.

```
.text, #text, p{  
    color:rgb(134, 109, 172)  
}
```

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(134, 109, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 109, 172) }
```

Border

The CSS property to change the border of an element to YUV 123.6570, 23.8331, 9.0708 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(134, 109, 172) }
```


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

```
.border{ border-color:rgb(134, 109, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 109, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 109, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 109, 172);  
box-shadow:4px 4px 4px 4px rgb(134, 109,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 123.6570, 23.8331, 9.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 109, 172) }
```

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

```
.background{ background-color: rgb(134,  
109, 172) }
```

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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