

Converting Colors

YUV(99.2850, 8.2405, 63.7711)

Have a look what the booklet for
YUV(99.2850, 8.2405, 63.7711)
contains.

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Color

**YUV(99.2850, 8.2405,
63.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3B74
RGB	172, 59, 116
RGB Percent	67%, 23%, 45%
CMY	0.3255, 0.7686, 0.5451
CMYK	0.00, 0.66, 0.33, 0.33
HSL	330°, 49%, 45%
HSV	330°, 66%, 67%
XYZ	21.7296, 13.1595, 17.9178
YIQ	99.2850, 49.0510, 41.6830

Conversions

Conversions Part 2

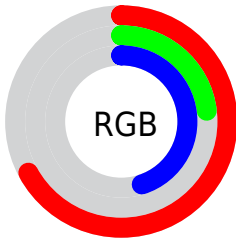
Format	Color
R_{YB}	172, 59, 116
Decimal	11287412
CIE _{Lab}	43.00, 51.41, -7.87
CIE _{LCh}	43, 52.009, 351.297
Yxy	13.1595, 0.4115, 0.2492
Android (android.graphics.Color)	4289477492 (0xFFAC3B74)
YUV	99.2850, 8.2405, 63.7711
Hunter-Lab	36.2761, 43.4395, -3.8917

Details

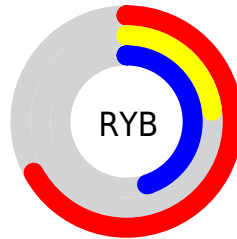
The YUV color **99.2850, 8.2405, 63.7711** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **131.7150, -8.2405, -63.7711**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2530, 6.7773, 66.4301**, and **42.4360, 12.6031, 64.5156** is the 20% darker color. If you saturate the color by 10%, you get **88.2800, 9.2290, 73.4224**, and if you desaturate by 10%, it is **110.2900, 7.2520, 54.1197**.

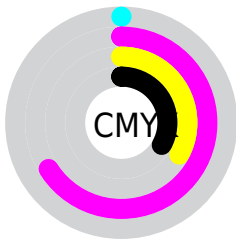
Distribution



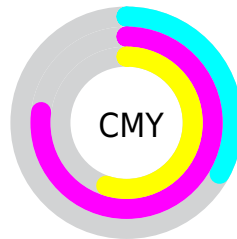
- Red (67%)
- Green (23%)
- Blue (45%)



- Red (67%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2850, 8.2405, 63.7711 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 99.2850, 8.2405, 63.7711 by changing the saturation by 10% instead.

99.2850, 8.2405,
63.7711

99.2850, 8.2405,
63.7711

255.0000, 0.0000,
0.0000

70.4530, 10.1297,
64.5007

154.2530, 6.7773,
66.4301

42.4360, 12.6031,
64.5156

181.2420, 6.7827,
64.6858

31.5560, 7.1209,
49.5014

200.2830, 11.1995,
47.9868

21.3880, 1.7807,
35.6167

220.6120, 15.4743,
30.1583

10.5790, -4.7224,
21.4172

237.3900, 8.6817,
15.4440

0.0000, 0.0000,
0.0000

99.2850, 8.2405,
63.7711

99.2850, 8.2405,
63.7711

88.2800, 9.2290,
73.4224

110.2900, 7.2520,
54.1197

77.3890, 10.6542,
82.9738

121.1810, 5.8268,
44.5683

65.7970, 11.9321,
93.1400

132.7730, 4.5489,
34.4021

61.3460, 12.6474,
97.0436

143.6640, 3.1236,
24.8507

154.6690, 2.1352,
15.1993

165.5600, 0.7099,
5.6479

176.5650, -0.2785,
-4.0035

188.0430, -1.9932,

-14.0697

■ 199.0480, -2.9817,
-23.7211

Harmonies

Analogous

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



104.5550, 25.3624, 31.9623



99.2850, 8.2405, 63.7711



96.7640, -11.7157, 71.2440

Triad

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



99.2850, 8.2405, 63.7711



91.9040, -44.8157, 0.9612



88.4180, 39.2339, -77.5426

Complementary

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



99.2850, 8.2405, 63.7711



131.7150, -8.2405, -63.7711

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.



86.0750, 22.6410, -75.4878



99.2850, 8.2405, 63.7711



83.8610, -19.6515, -43.7281

Square

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



99.2850, 8.2405, 63.7711



95.5320, -47.0973, 32.8594



80.9450, 2.9851, -70.9888



85.8880, 49.8482, -75.3238

Rectangle

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



99.2850, 8.2405, 63.7711



97.5660, -24.9290, 62.6476



80.9450, 2.9851, -70.9888



88.4520, 34.2872, -77.5724

Sweetspot

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



99.2850, 8.2405, 63.7711



195.6640, 3.1236, 24.8507



88.3270, 41.2508, 22.5152



94.6690, 2.1352, 15.1993



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.



99.2850, 8.2405, 63.7711



110.1830, 13.2208, 99.8175



93.0150, -15.7834, 69.2698



81.1470, 0.4205, 5.1331



53.5140, 11.0856, 84.6182



8.2450, 1.8512, 12.9401

Inverse Universe

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



99.2850, 8.2405, 63.7711



110.1830, 13.2208, 99.8175



137.9850, 15.7834, -69.2698



81.1470, 0.4205, 5.1331



53.5140, 11.0856, 84.6182



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 99.2850, 8.2405, 63.7711 looks on a white background.

Color Contrast Check

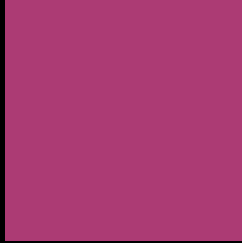
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.2850, 8.2405, 63.7711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

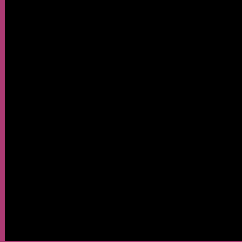
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2850, 8.2405, 63.7711

Background



This preview shows how black text looks on a background with the YUV color 99.2850, 8.2405, 63.7711.



This preview shows how white text looks on a background with the YUV color 99.2850, 8.2405,

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

99.2850, 8.2405, 63.7711

Protanopia

102.4280, 20.9880, -11.7764

Deuteranopia

103.2440, 3.3307, 5.0480



Tritanopia

99.4700, -12.5567, 60.9778

Trichromacy



Original Color

99.2850, 8.2405, 63.7711

Protanomaly

101.3390, 16.1019, 15.4887

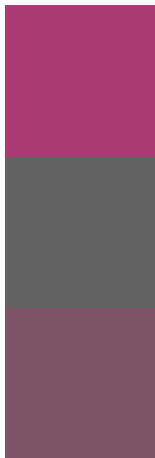
Deuteranomaly

101.5440, 5.1548, 26.7099

Tritanomaly

99.1310, -4.9946, 62.1521

Monochromacy



Original Color

99.2850, 8.2405, 63.7711

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9520, 2.9817, 23.7211

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2850, 8.2405, 63.7711 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(172, 59, 116)` looks like.

```
.text, #text, p{  
    color:rgb(172, 59, 116)  
}
```

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(172, 59, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 59, 116) }
```

Border

The CSS property to change the border of an element to YUV 99.2850, 8.2405, 63.7711 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(172, 59, 116) }
```


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

```
.border{ border-color:rgb(172, 59, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 59, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 59, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 59, 116);  
box-shadow:4px 4px 4px 4px rgb(172, 59,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 99.2850, 8.2405, 63.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 59, 116) }
```

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

```
.background{ background-color: rgb(172, 59,  
116) }
```

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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