

Converting Colors

YUV(137.3850, 29.8832,
28.6034)

Have a look what the booklet for
YUV(137.3850, 29.8832, 28.6034)
contains.

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Color

**YUV(137.3850, 29.8832,
28.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6DC6
RGB	170, 109, 198
RGB Percent	67%, 43%, 78%
CMY	0.3333, 0.5725, 0.2235
CMYK	0.14, 0.45, 0.00, 0.22
HSL	281°, 44%, 60%
HSV	281°, 45%, 78%
XYZ	32.2392, 23.5605, 56.2745
YIQ	137.3850, 7.7870, 40.6110

Conversions

Conversions Part 2

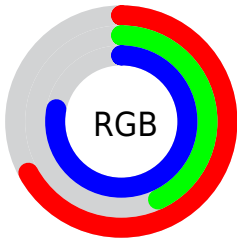
Format	Color
RYB	170, 109, 198
Decimal	11169222
CIELab	55.65, 39.89, -36.98
CIElCh	56, 54.388, 317.168
Yxy	23.5605, 0.2877, 0.2102
Android (android.graphics.Color)	4289359302 (0xFFAA6DC6)
YUV	137.3850, 29.8832, 28.6034
Hunter-Lab	48.5392, 33.6143, -34.7612

Details

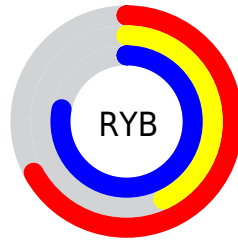
The YUV color **137.3850, 29.8832, 28.6034** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **169.6150, -29.8832, -28.6034**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0370, 31.0408, 30.6626**, and **85.7330, 28.7256, 26.5442** is the 20% darker color. If you saturate the color by 10%, you get **123.8510, 36.5555, 35.2107**, and if you desaturate by 10%, it is **150.9190, 23.2109, 21.9960**.

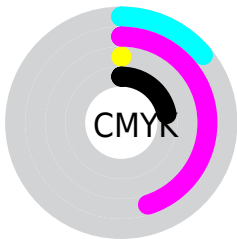
Distribution



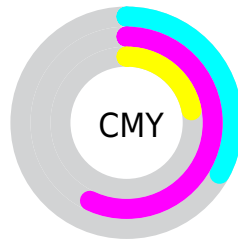
- Red (67%)
- Green (43%)
- Blue (78%)



- Red (67%)
- Yellow (43%)
- Blue (78%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)





- Cyan (33%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3850, 29.8832, 28.6034 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 137.3850, 29.8832, 28.6034 by changing the saturation by 10% instead.


 137.3850, 29.8832,
28.6034


 137.3850, 29.8832,
28.6034


255.0000, 0.0000,
0.0000


 111.4450, 28.8676,
27.6737


 192.0370, 31.0408,
30.6626


 85.7330, 28.7256,
26.5442


 216.2580, 19.0998,
33.9767


 60.3200, 28.4362,
26.0294

 233.2810, 10.7075,
19.0476

 33.8470, 29.1624,
26.4442

 249.7170, 2.6045,
4.6332

 19.8260, 24.2428,
17.6926

 9.1310, 18.1764,
3.3931

 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 137.3850, 29.8832,
28.6034

■ 137.3850, 29.8832,
28.6034

■ 123.8510, 36.5555,
35.2107

■ 150.9190, 23.2109,
21.9960

■ 110.3170, 43.2277,
41.8180

■ 164.4530, 16.5387,
15.3887

■ 97.0710, 49.7580,
47.2957

■ 177.6990, 10.0084,
9.9110

■ 83.5370, 56.4303,
53.9031

■ 191.2330, 3.3361,
3.3037

■ 70.0030, 63.1025,
60.5104

■ 204.7670, -3.3361,
-3.3037

■ 63.2360, 66.4387,
63.8140

■ 218.3010,
-10.0084, -9.9110

■ 232.1340,
-16.8281, -15.9035

■ 238.0370,
-19.7382, -15.8184

■ 239.8310,
-20.6227, -12.1298

Harmonies

Analogous

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



129.9630, 46.3602, -29.7856



137.3850, 29.8832, 28.6034



134.2790, 10.7085, 65.5303

Triad

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



137.3850, 29.8832, 28.6034



128.9890, -46.8296, 40.3516



109.8120, 24.7427, -96.3051

Complementary

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



137.3850, 29.8832, 28.6034



169.6150, -29.8832, -28.6034

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.



103.6390, 3.6290, -90.8914



137.3850, 29.8832, 28.6034



124.8230, -45.2687, 6.2942

Square

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



137.3850, 29.8832, 28.6034



130.6390, -32.3600, 66.0916



117.5970, -25.9303, -36.4806



112.8390, 43.9564, -98.9598

Rectangle

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



137.3850, 29.8832, 28.6034



131.8600, -3.8750, 76.4218



117.5970, -25.9303, -36.4806



107.9880, 17.7539, -94.7055

Sweetspot

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



137.3850, 29.8832, 28.6034



232.6390, 11.0240, 10.8406



135.5820, 30.7721, -23.3124



113.5800, 7.1091, 6.5073



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.3850, 29.8832, 28.6034



161.1370, 46.2745, 44.6069



143.9330, 18.7670, 47.4168



92.8200, 3.0467, 2.7889



52.0700, 54.6885, 52.5586



11.2800, 12.1870, 11.1554

Inverse Universe

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



138.8030, -0.8889, 51.9158



163.2780, -1.1231, 80.4402



163.0670, -18.7670, -47.4168



93.0330, -0.0163, 5.2331



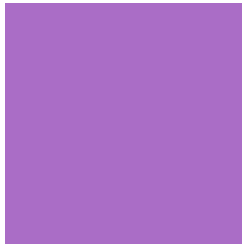
54.5510, -1.7506, 95.1098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 137.3850, 29.8832, 28.6034 looks on a white background.

Color Contrast Check

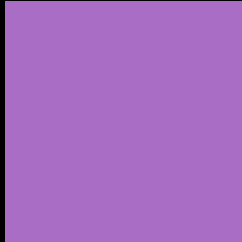
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3850, 29.8832, 28.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

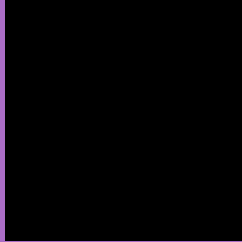
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.3850, 29.8832, 28.6034

Background



This preview shows how black text looks on a background with the YUV color 137.3850, 29.8832, 28.6034.



This preview shows how white text looks on a background with the YUV color 137.3850, 29.8832,

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

137.3850, 29.8832, 28.6034

Protanopia

131.5350, 42.1342, -27.6562

Deuteranopia

132.3760, 29.8876, -19.6238



Tritanopia

135.7900, -1.3755, 21.2322

Trichromacy



Original Color

137.3850, 29.8832, 28.6034

Protanomaly

133.5160, 37.7066, -7.4685

Deuteranomaly

134.4860, 29.8334, -2.1802

Tritanomaly

136.7870, 9.9650, 23.8658

Monochromacy



Original Color

137.3850, 29.8832, 28.6034

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2260, 10.7346, 10.3258

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3850, 29.8832, 28.6034 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(170, 109, 198)` looks like.

```
.text, #text, p{  
    color:rgb(170, 109, 198)  
}
```

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(170, 109, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 109, 198) }
```

Border

The CSS property to change the border of an element to YUV 137.3850, 29.8832, 28.6034 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(170, 109, 198) }
```


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

```
.border{ border-color:rgb(170, 109, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 109, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 109, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 109, 198);  
box-shadow:4px 4px 4px 4px rgb(170, 109,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 137.3850, 29.8832, 28.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 109, 198) }
```

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

```
.background{ background-color: rgb(170,  
109, 198) }
```

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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