

Converting Colors

YUV(125.7810, 36.0970,
42.2881)

Have a look what the booklet for
YUV(125.7810, 36.0970, 42.2881)
contains.

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Color

**YUV(125.7810, 36.0970,
42.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	AE57C7
RGB	174, 87, 199
RGB Percent	68%, 34%, 78%
CMY	0.3176, 0.6588, 0.2196
CMYK	0.13, 0.56, 0.00, 0.22
HSL	287°, 50%, 56%
HSV	287°, 56%, 78%
XYZ	31.1726, 19.9386, 56.2384
YIQ	125.7810, 15.9000, 53.2760

Conversions

Conversions Part 2

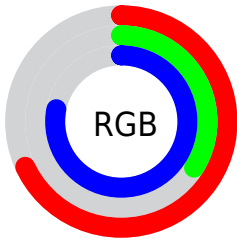
Format	Color
RYB	174, 87, 199
Decimal	11425735
CIELab	51.77, 52.71, -43.63
CIELCh	52, 68.422, 320.386
Yxy	19.9386, 0.2904, 0.1857
Android (android.graphics.Color)	4289615815 (0xFFAE57C7)
YUV	125.7810, 36.0970, 42.2881
Hunter-Lab	44.6526, 46.4709, -43.4168

Details

The YUV color **125.7810, 36.0970, 42.2881** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **160.2190, -36.0970, -42.2881**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2050, 36.3809, 44.5472**, and **71.3680, 35.8076, 41.7733** is the 20% darker color. If you saturate the color by 10%, you get **112.8450, 42.4744, 50.1249**, and if you desaturate by 10%, it is **138.7170, 29.7195, 34.4512**.

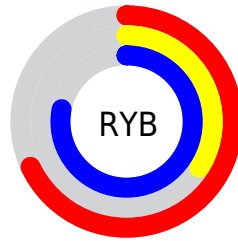
Distribution



Red (68%)

Green (34%)

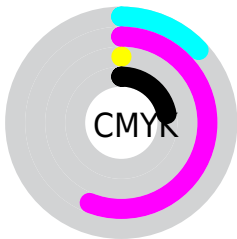
Blue (78%)



Red (68%)

Yellow (34%)

Blue (78%)

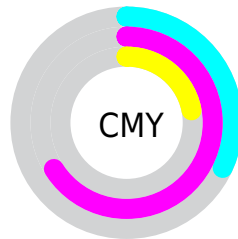


Cyan (13%)

Magenta (56%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (66%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7810, 36.0970, 42.2881 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 125.7810, 36.0970, 42.2881 by changing the saturation by 10% instead.

125.7810, 36.0970,
42.2881

125.7810, 36.0970,
42.2881

255.0000, 0.0000,
0.0000

98.9550, 35.5182,
41.2585

181.2050, 36.3809,
44.5472

71.3680, 35.8076,
41.7733

203.9310, 25.1770,
44.7875

40.9600, 37.9807,
44.7621

220.3670, 17.0741,
30.3731

30.0370, 31.0408,
30.6626

237.3900, 8.6817,
15.4440

20.1250, 24.0954,
18.3074

254.4130, 0.2894,
0.5148

6.1410, 19.6505,
-2.7547

3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 125.7810, 36.0970,
42.2881

■ 125.7810, 36.0970,
42.2881

■ 112.8450, 42.4744,
50.1249

■ 138.7170, 29.7195,
34.4512

■ 99.6100, 48.9993,
57.3470

■ 151.9520, 23.1947,
27.2291

■ 86.6740, 55.3767,
65.1839

■ 164.8880, 16.8172,
19.3922

■ 73.4390, 61.9016,
72.4060

■ 178.1230, 10.2924,
12.1701

■ 69.0310, 64.0747,
75.3948

■ 191.0590, 3.9149,
4.3333

■ 203.7070, -2.3206,
-2.3740

■ 216.6430, -8.6980,
-10.2109

■ 229.8780,
-15.2229, -17.4330

■ 236.3570,
-18.4170, -19.6071

Harmonies

Analogous

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



116.8940, 57.7333, -37.6180



125.7810, 36.0970, 42.2881



116.0460, 14.2743, 88.5367

Triad

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



125.7810, 36.0970, 42.2881



116.2530, -57.3127, 42.7511



106.0450, 28.0788, -93.0015

Complementary

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



125.7810, 36.0970, 42.2881



160.2190, -36.0970, -42.2881

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.



98.5040, 1.7235, -86.3880



125.7810, 36.0970, 42.2881



110.6730, -54.5618, 0.2868

Square

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



125.7810, 36.0970, 42.2881



116.3710, -42.5809, 77.7276



92.9860, -26.1221, -68.3937



109.9840, 50.7869, -96.4560

Rectangle

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



125.7810, 36.0970, 42.2881



111.9430, -2.9299, 100.0280



92.9860, -26.1221, -68.3937



103.7650, 19.3429, -91.0019

Sweetspot

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



125.7810, 36.0970, 42.2881



226.7690, 13.9179, 15.9886



115.0300, 41.3972, -24.5823



110.9440, 8.4086, 9.6961



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.



125.7810, 36.0970, 42.2881



141.7880, 55.8135, 65.0839



129.8360, 19.3079, 60.6568



93.1190, 2.8993, 3.4036



56.5550, 52.4774, 61.7803



12.4760, 11.5973, 13.6145

Inverse Universe

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



123.3380, -5.5896, 66.3556



138.0590, -8.9031, 102.5573



156.1640, -19.3079, -60.6568



92.9190, -0.4531, 5.3330



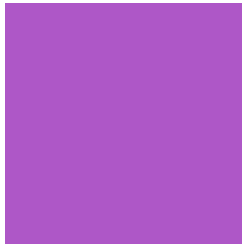
52.8410, -8.3026, 96.6094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 125.7810, 36.0970, 42.2881 looks on a white background.

Color Contrast Check

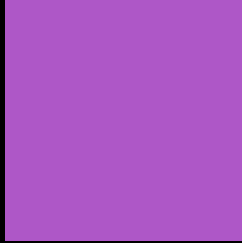
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7810, 36.0970, 42.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

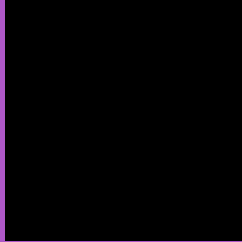
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.7810, 36.0970, 42.2881

Background



This preview shows how black text looks on a background with the YUV color 125.7810, 36.0970, 42.2881.



This preview shows how white text looks on a background with the YUV color 125.7810, 36.0970,

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

125.7810, 36.0970, 42.2881

Protanopia

116.3940, 56.0078, -44.1955

Deuteranopia

120.9880, 35.0089, -28.9305



Tritanopia

125.7590, -4.3182, 31.7834

Trichromacy



Original Color

125.7810, 36.0970, 42.2881

Protanomaly

119.7570, 48.9268, -12.9419

Deuteranomaly

122.9680, 35.5118, -3.4799

Tritanomaly

125.6790, 10.5113, 35.3615

Monochromacy



Original Color

125.7810, 36.0970, 42.2881

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9430, 13.3391, 14.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7810, 36.0970, 42.2881 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(174, 87, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 87, 199)  
}
```

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(174, 87, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 87, 199) }
```

Border

The CSS property to change the border of an element to YUV 125.7810, 36.0970, 42.2881 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(174, 87, 199) }
```


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

```
.border{ border-color:rgb(174, 87, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 87, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 87, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 87, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 87,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 125.7810, 36.0970, 42.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 87, 199) }
```

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

```
.background{ background-color: rgb(174, 87,  
199) }
```

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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