

Converting Colors

YUV(125.8160, 42.9817,
27.3484)

Have a look what the booklet for
YUV(125.8160, 42.9817, 27.3484)
contains.

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Color

**YUV(125.8160, 42.9817,
27.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5DD5
RGB	157, 93, 213
RGB Percent	62%, 36%, 84%
CMY	0.3843, 0.6353, 0.1647
CMYK	0.26, 0.56, 0.00, 0.16
HSL	272°, 59%, 60%
HSV	272°, 56%, 84%
XYZ	29.8292, 19.8009, 65.2006
YIQ	125.8160, -0.3760, 50.8880

Conversions

Conversions Part 2

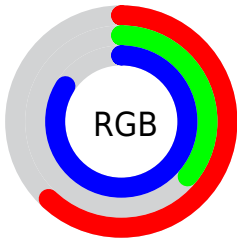
Format	Color
R _{YB}	157, 93, 213
Decimal	10313173
CIE Lab	51.61, 48.36, -52.00
CIE LCh	52, 71.013, 312.919
Yxy	19.8009, 0.2598, 0.1724
Android (android.graphics.Color)	4288503253 (0xFF9D5DD5)
YUV	125.8160, 42.9817, 27.3484
Hunter-Lab	44.4982, 41.7850, -55.7254

Details

The YUV color **125.8160, 42.9817, 27.3484** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **180.1840, -42.9817, -27.3484**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7580, 37.5873, 30.9072**, and **73.1640, 41.8241, 25.2892** is the 20% darker color. If you saturate the color by 10%, you get **110.4990, 50.5330, 32.0114**, and if you desaturate by 10%, it is **141.1330, 35.4304, 22.6854**.

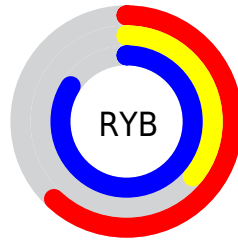
Distribution



Red (62%)

Green (36%)

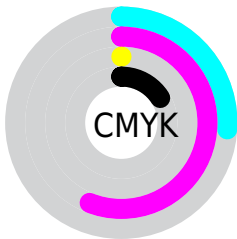
Blue (84%)



Red (62%)

Yellow (36%)

Blue (84%)

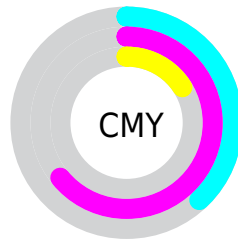


Cyan (26%)

Magenta (56%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (64%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8160, 42.9817, 27.3484 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 125.8160, 42.9817, 27.3484 by changing the saturation by 10% instead.

125.8160, 42.9817,
27.3484

125.8160, 42.9817,
27.3484

255.0000, 0.0000,
0.0000

99.5770, 42.1135,
25.8040

178.7580, 37.5873,
30.9072

73.1640, 41.8241,
25.2892

203.5770, 25.3515,
35.4510

45.2780, 42.2609,
25.1892

223.3020, 15.6271,
27.7991

25.7240, 39.0831,
17.7821

239.7380, 7.5242,
13.3848

14.8010, 32.1431,
3.6825

6.3840, 24.4607,
-5.5988

5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 125.8160, 42.9817,
27.3484

■ 125.8160, 42.9817,
27.3484

■ 110.4990, 50.5330,
32.0114

■ 141.1330, 35.4304,
22.6854

■ 94.5950, 58.3737,
37.1892

■ 157.0370, 27.5898,
17.5076

■ 79.2780, 65.9249,
41.8522

■ 172.3540, 20.0385,
12.8445

■ 63.9610, 73.4762,
46.5152

■ 187.6710, 12.4872,
8.1815

■ 58.3680, 76.2336,
48.7893

■ 203.5750, 4.6465,
3.0037

■ 218.8920, -2.9048,
-1.6593

■ 234.2090,
-10.4560, -6.3223

■ 244.8300,
-15.6922, -6.8669

■ 247.5210,
-17.0189, -1.3339

Harmonies

Analogous

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



99.3160, 70.8362, -87.1001



125.8160, 42.9817, 27.3484



116.5600, 21.4159, 84.5779

Triad

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



125.8160, 42.9817, 27.3484



115.7320, -57.0559, 53.7320



105.0360, 21.6743, -92.1166

Complementary

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



125.8160, 42.9817, 27.3484



180.1840, -42.9817, -27.3484

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.



96.5660, -5.7020, -84.6884



125.8160, 42.9817, 27.3484



113.0980, -55.7573, 10.4381

Square

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



125.8160, 42.9817, 27.3484



113.8590, -35.9195, 87.8237



99.0140, -41.9119, -43.8623



110.2460, 46.7137, -96.6857

Rectangle

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



125.8160, 42.9817, 27.3484



109.7290, 5.0636, 102.8467



99.0140, -41.9119, -43.8623



101.9410, 12.3541, -89.4023

Sweetspot

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



125.8160, 42.9817, 27.3484



223.7790, 15.3920, 9.8408



139.5520, 36.2099, -40.8261



109.1500, 9.2931, 6.0075



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.



125.8160, 42.9817, 27.3484



129.2300, 62.0046, 39.2633



142.1040, 32.9797, 62.1758



99.0480, 3.9203, 2.5889



46.7030, 61.2784, 38.8485



11.7790, 15.3920, 9.8408

Inverse Universe

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



135.2640, 6.7718, 68.1745



142.9610, 9.8792, 98.2582



163.8960, -32.9797, -62.1758



99.8590, 0.5625, 6.2627



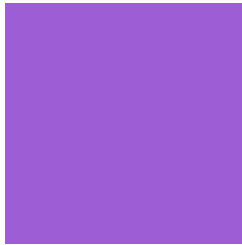
60.2490, 9.7372, 97.1286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 125.8160, 42.9817, 27.3484 looks on a white background.

Color Contrast Check

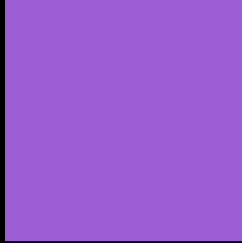
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.8160, 42.9817, 27.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

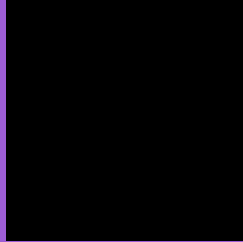
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.8160, 42.9817, 27.3484

Background



This preview shows how black text looks on a background with the YUV color 125.8160, 42.9817, 27.3484.



This preview shows how white text looks on a background with the YUV color 125.8160, 42.9817, 27.3484.

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

125.8160, 42.9817, 27.3484

Protanopia

112.3480, 62.4394, -53.8022

Deuteranopia

116.1200, 44.8038, -43.9552



Tritanopia

124.8000, 0.0986, 15.0844

Trichromacy



Original Color

125.8160, 42.9817, 27.3484



Protanomaly

117.7000, 55.3639, -24.2929



Deuteranomaly

119.7580, 43.9963, -18.2048



Tritanomaly

125.2470, 15.6542, 19.0774

Monochromacy



Original Color

125.8160, 42.9817, 27.3484



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.8930, 15.8288, 9.7408

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8160, 42.9817, 27.3484 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(157, 93, 213)` looks like.

```
.text, #text, p{  
    color:rgb(157, 93, 213)  
}
```

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(157, 93, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 93, 213) }
```

Border

The CSS property to change the border of an element to YUV 125.8160, 42.9817, 27.3484 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(157, 93, 213) }
```


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

```
.border{ border-color:rgb(157, 93, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 93, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 93, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 93, 213);  
box-shadow:4px 4px 4px 4px rgb(157, 93,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 125.8160, 42.9817, 27.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 93, 213) }
```

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

```
.background{ background-color: rgb(157, 93,  
213) }
```

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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