

Converting Colors

YUV(125.3000, 42.2501,
28.6779)

Have a look what the booklet for
YUV(125.3000, 42.2501, 28.6779)
contains.

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Color

**YUV(125.3000, 42.2501,
28.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5CD3
RGB	158, 92, 211
RGB Percent	62%, 36%, 83%
CMY	0.3804, 0.6392, 0.1725
CMYK	0.25, 0.56, 0.00, 0.17
HSL	273°, 57%, 59%
HSV	273°, 56%, 83%
XYZ	29.6856, 19.6265, 63.8517
YIQ	125.3000, 1.1370, 51.0010

Conversions

Conversions Part 2

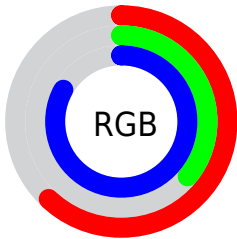
Format	Color
R _{YB}	158, 92, 211
Decimal	10378451
CIE _{Lab}	51.41, 48.67, -51.18
CIE _{LCh}	51, 70.623, 313.561
Yxy	19.6265, 0.2623, 0.1734
Android (android.graphics.Color)	4288568531 (0xFF9E5CD3)
YUV	125.3000, 42.2501, 28.6779
Hunter-Lab	44.3019, 42.0802, -54.4427

Details

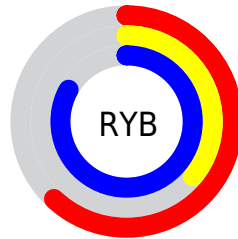
The YUV color **125.3000, 42.2501, 28.6779** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **177.7000, -42.2501, -28.6779**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4700, 37.7293, 32.0368**, and **72.6480, 41.0925, 26.6187** is the 20% darker color. If you saturate the color by 10%, you get **110.2820, 49.6540, 33.9557**, and if you desaturate by 10%, it is **140.3180, 34.8462, 23.4001**.

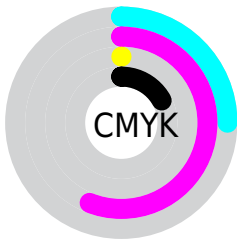
Distribution



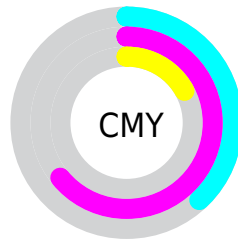
- Red (62%)
- Green (36%)
- Blue (83%)



- Red (62%)
- Yellow (36%)
- Blue (83%)



- Cyan (25%)
- Magenta (56%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (64%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.3000, 42.2501, 28.6779 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 125.3000, 42.2501, 28.6779 by changing the saturation by 10% instead.

125.3000, 42.2501,
28.6779

125.3000, 42.2501,
28.6779

255.0000, 0.0000,
0.0000

98.4740, 41.6713,
27.6483

178.4700, 37.7293,
32.0368

72.6480, 41.0925,
26.6187

203.2890, 25.4935,
36.5805

44.4740, 41.6713,
27.6483

222.7150, 15.9165,
28.3139

26.0940, 37.9147,
19.2116

239.1510, 7.8136,
13.8996

15.5840, 31.2641,
5.6268

6.2700, 24.0239,
-5.4988

4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 125.3000, 42.2501,
28.6779

■ 125.3000, 42.2501,
28.6779

■ 110.2820, 49.6540,
33.9557

■ 140.3180, 34.8462,
23.4001

■ 94.9650, 57.2053,
38.6187

■ 155.6350, 27.2949,
18.7371

■ 79.9470, 64.6091,
43.8965

■ 170.6530, 19.8911,
13.4593

■ 64.6300, 72.1604,
48.5595

■ 185.9700, 12.3398,
8.7963

■ 59.0370, 74.9178,
50.8336

■ 201.5750, 4.6465,
3.0037

■ 216.5930, -2.7573,
-2.2741

■ 231.9100,
-10.3086, -6.9371

■ 243.4060,
-15.9762, -9.1261

■ 246.3960,
-17.4502, -2.9783

Harmonies

Analogous

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



98.5010, 70.2520, -86.3854



125.3000, 42.2501, 28.6779



116.0330, 20.6897, 84.1631

Triad

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



125.3000, 42.2501, 28.6779



115.1340, -56.7611, 52.5025



104.4490, 21.9636, -91.6018

Complementary

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



125.3000, 42.2501, 28.6779



177.7000, -42.2501, -28.6779

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.



96.0930, -4.9758, -84.2736



125.3000, 42.2501, 28.6779



111.9130, -55.1731, 9.7233

Square

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



125.3000, 42.2501, 28.6779



113.7340, -36.3509, 86.1793



98.7580, -40.3067, -45.3918



109.6590, 47.0031, -96.1709

Rectangle

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



125.3000, 42.2501, 28.6779



109.2020, 4.3374, 102.4318



98.7580, -40.3067, -45.3918



102.0550, 12.7909, -89.5022

Sweetspot

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



125.3000, 42.2501, 28.6779



224.0780, 15.2445, 10.4556



137.2640, 36.3518, -39.6965



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.



125.3000, 42.2501, 28.6779



130.4260, 61.4150, 41.7224



140.4630, 31.8167, 61.8609



97.0480, 3.9203, 2.5889



46.9590, 59.6732, 40.3780



11.5510, 14.5184, 10.0408

Inverse Universe

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



133.6230, 5.6089, 67.8596



142.5050, 8.1320, 98.6581



162.5370, -31.8167, -61.8609



97.8590, 0.5625, 6.2627



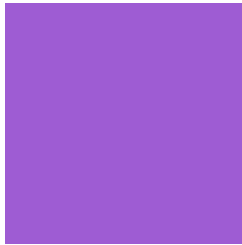
58.7820, 7.9955, 95.7842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 125.3000, 42.2501, 28.6779 looks on a white background.

Color Contrast Check

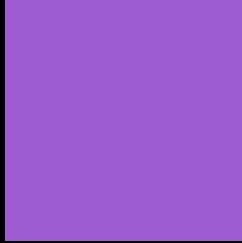
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3000, 42.2501, 28.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

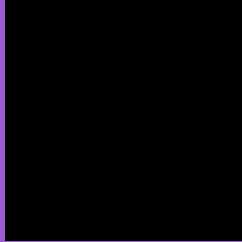
Any Text WCAG AA ✓ Pass

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 125.3000, 42.2501, 28.6779 Background



This preview shows how black text looks on a background with the YUV color 125.3000, 42.2501, 28.6779.



This preview shows how white text looks on a background with the YUV color 125.3000, 42.2501,

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

125.3000, 42.2501, 28.6779

Protanopia

112.5330, 61.8552, -53.0874

Deuteranopia

116.4900, 43.6354, -42.5257



Tritanopia

124.3980, -0.1962, 16.3140

Trichromacy



Original Color

125.3000, 42.2501, 28.6779

Protanomaly

117.1840, 54.6323, -22.9634

Deuteranomaly

119.5410, 43.1173, -16.2605

Tritanomaly

124.8450, 15.3594, 20.3069

Monochromacy



Original Color

125.3000, 42.2501, 28.6779

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0780, 15.2445, 10.4556

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.3000, 42.2501, 28.6779 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(158, 92, 211)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 211)  
}
```

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(158, 92, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 211) }
```

Border

The CSS property to change the border of an element to YUV 125.3000, 42.2501, 28.6779 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(158, 92, 211) }
```


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

```
.border{ border-color:rgb(158, 92, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 92, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 211);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 125.3000, 42.2501, 28.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 211) }
```

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

```
.background{ background-color: rgb(158, 92,  
211) }
```

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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