

Converting Colors

YUV(122.8780, 35.5561,
29.0480)

Have a look what the booklet for
YUV(122.8780, 35.5561, 29.0480)
contains.

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Color

**YUV(122.8780, 35.5561,
29.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5CC3
RGB	156, 92, 195
RGB Percent	61%, 36%, 76%
CMY	0.3882, 0.6392, 0.2353
CMYK	0.20, 0.53, 0.00, 0.24
HSL	277°, 46%, 56%
HSV	277°, 53%, 76%
XYZ	27.3878, 18.6623, 53.7885
YIQ	122.8780, 5.0810, 45.6010

Conversions

Conversions Part 2

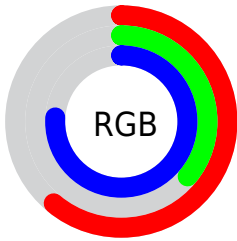
Format	Color
R _Y B	156, 92, 195
Decimal	10247363
CIE Lab	50.29, 44.52, -43.81
CIE LCh	50, 62.459, 315.459
Yxy	18.6623, 0.2743, 0.1869
Android (android.graphics.Color)	4288437443 (0xFF9C5CC3)
YUV	122.8780, 35.5561, 29.0480
Hunter-Lab	43.1999, 37.5651, -43.5823

Details

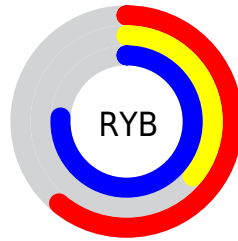
The YUV color **122.8780, 35.5561, 29.0480** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **164.1220, -35.5561, -29.0480**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9430, 37.0031, 31.6220**, and **71.2260, 34.3986, 26.9888** is the 20% darker color. If you saturate the color by 10%, you get **109.6320, 42.0864, 34.5257**, and if you desaturate by 10%, it is **136.1240, 29.0259, 23.5703**.

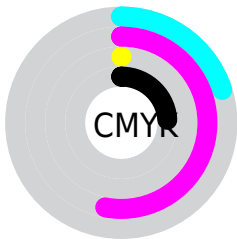
Distribution



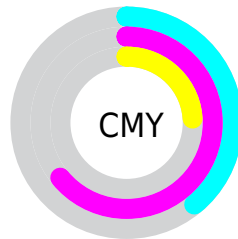
- Red (61%)
- Green (36%)
- Blue (76%)



- Red (61%)
- Yellow (36%)
- Blue (76%)



- Cyan (20%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8780, 35.5561, 29.0480 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 122.8780, 35.5561, 29.0480 by changing the saturation by 10% instead.

122.8780, 35.5561,
29.0480

122.8780, 35.5561,
29.0480

255.0000, 0.0000,
0.0000

96.9380, 34.5406,
28.1184

176.9430, 37.0031,
31.6220

71.2260, 34.3986,
26.9888

202.3920, 25.9357,
34.7362

43.7530, 35.1248,
27.4036

222.1280, 16.2059,
28.8287

24.9110, 32.0889,
21.1261

239.1510, 7.8136,
13.8996

15.8960, 24.7013,
10.6152

5.3750, 18.0561,
-4.7139

2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 122.8780, 35.5561,
29.0480

■ 122.8780, 35.5561,
29.0480

■ 109.6320, 42.0864,
34.5257

■ 136.1240, 29.0259,
23.5703

■ 95.5000, 49.0535,
39.9035

■ 150.2560, 22.0588,
18.1925

■ 82.2540, 55.5838,
45.3812

■ 163.5020, 15.5285,
12.7147

■ 68.1220, 62.5509,
50.7590

■ 177.6340, 8.5614,
7.3370

■ 58.4090, 67.3394,
54.8923

■ 190.8800, 2.0312,
1.8592

■ 204.7130, -4.7885,
-4.1333

■ 218.2580,
-11.4662, -8.9963

■ 232.0910,
-18.2859, -14.9888

■ 238.2930,
-21.3434, -14.2890

Harmonies

Analogous

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



109.6490, 55.8820, -50.5582



122.8780, 35.5561, 29.0480



116.3000, 15.6281, 74.2819

Triad

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



122.8780, 35.5561, 29.0480



112.7310, -55.5764, 45.8399



101.2860, 22.5370, -88.8278

Complementary

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



122.8780, 35.5561, 29.0480



164.1220, -35.5561, -29.0480

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.



93.7280, -1.3449, -82.1995



122.8780, 35.5561, 29.0480



109.2440, -53.8573, 7.6790

Square

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



122.8780, 35.5561, 29.0480



113.9390, -33.9869, 74.5985



100.4840, -31.2976, -41.6435



104.9970, 44.3715, -92.0824

Rectangle

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



122.8780, 35.5561, 29.0480



112.2620, -0.1292, 88.3472



100.4840, -31.2976, -41.6435



99.1200, 14.2378, -86.9282

Sweetspot

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



122.8780, 35.5561, 29.0480



224.0350, 13.7867, 11.3703



126.6350, 33.7039, -30.3749



110.3350, 8.7088, 6.7222



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.



122.8780, 35.5561, 29.0480



140.7270, 54.8576, 44.9664



133.1710, 24.5657, 54.2240



89.9340, 3.4835, 2.6889



48.2540, 55.5838, 45.3812



10.0410, 11.3188, 9.6110

Inverse Universe

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



127.2430, 1.8522, 59.4229



147.4950, 3.2070, 91.6509



153.8290, -24.5657, -54.2240



90.4460, 0.2731, 5.7479



55.0930, 2.9122, 92.8804



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 122.8780, 35.5561, 29.0480 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 122.8780, 35.5561, 29.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

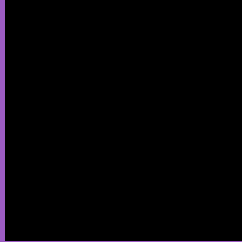
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.8780, 35.5561, 29.0480

Background



This preview shows how black text looks on a background with the YUV color 122.8780, 35.5561, 29.0480.



This preview shows how white text looks on a background with the YUV color 122.8780, 35.5561,

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

122.8780, 35.5561, 29.0480

Protanopia

114.4610, 51.0447, -38.9923

Deuteranopia

116.5040, 35.7405, -30.2600



Tritanopia

121.8930, -0.9332, 19.3878

Trichromacy



Original Color

122.8780, 35.5561, 29.0480

Protanomaly

117.5350, 45.5852, -14.5012

Deuteranomaly

118.9350, 35.5280, -8.7130

Tritanomaly

122.0580, 12.2964, 22.7511

Monochromacy



Original Color

122.8780, 35.5561, 29.0480

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0950, 12.7712, 10.4407

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8780, 35.5561, 29.0480 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(156, 92, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 92, 195)  
}
```

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(156, 92, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 92, 195) }
```

Border

The CSS property to change the border of an element to YUV 122.8780, 35.5561, 29.0480 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(156, 92, 195) }
```


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

```
.border{ border-color:rgb(156, 92, 195) }
```

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

Here you see how a box with a 4 pixel rgb(156, 92, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 92, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 92, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 92,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 122.8780, 35.5561, 29.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 92, 195) }
```

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

```
.background{ background-color: rgb(156, 92,  
195) }
```

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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