

Converting Colors

YUV(120.8280, 41.4968,
36.9848)

Have a look what the booklet for
YUV(120.8280, 41.4968, 36.9848)
contains.

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Color

**YUV(120.8280, 41.4968,
36.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	A353CD
RGB	163, 83, 205
RGB Percent	64%, 33%, 80%
CMY	0.3608, 0.6745, 0.1961
CMYK	0.20, 0.60, 0.00, 0.20
HSL	279°, 55%, 56%
HSV	279°, 60%, 80%
XYZ	29.2170, 18.3808, 59.7656
YIQ	120.8280, 8.5180, 54.9020

Conversions

Conversions Part 2

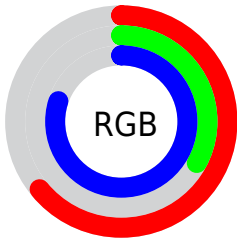
Format	Color
R_{YB}	163, 83, 205
Decimal	10703821
CIE _{Lab}	49.95, 53.16, -50.04
CIE _{LCh}	50, 73.004, 316.730
Yxy	18.3808, 0.2721, 0.1712
Android (android.graphics.Color)	4288893901 (0xFFA353CD)
YUV	120.8280, 41.4968, 36.9848
Hunter-Lab	42.8729, 46.6165, -52.6404

Details

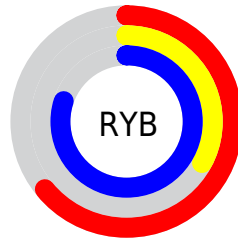
The YUV color **120.8280, 41.4968, 36.9848** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **167.1720, -41.4968, -36.9848**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9810, 39.4494, 40.3587**, and **66.4150, 41.2074, 36.4700** is the 20% darker color. If you saturate the color by 10%, you get **106.9950, 48.3165, 42.9774**, and if you desaturate by 10%, it is **135.2480, 34.3877, 30.4775**.

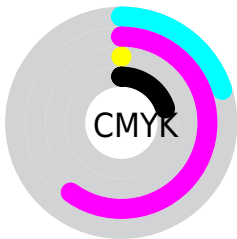
Distribution



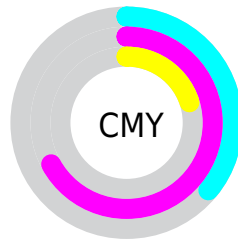
- Red (64%)
- Green (33%)
- Blue (80%)



- Red (64%)
- Yellow (33%)
- Blue (80%)



- Cyan (20%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)





- Cyan (36%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.8280, 41.4968, 36.9848 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 120.8280, 41.4968, 36.9848 by changing the saturation by 10% instead.


 120.8280, 41.4968,
36.9848


 120.8280, 41.4968,
36.9848


255.0000, 0.0000,
0.0000


 94.0020, 40.9180,
35.9552


 174.9810, 39.4494,
40.3587


 66.4150, 41.2074,
36.4700


 200.0880, 27.0716,
43.7728


 38.0560, 42.3704,
36.7849


 218.0190, 18.2316,
32.4323

 27.0190, 34.9936,
22.7853

 234.4550, 10.1287,
18.0180

 17.4060, 27.9008,
11.0449

 251.4780, 1.7363,
3.0888

 5.7000, 21.8399,
-4.9989

 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 120.8280, 41.4968,
36.9848

■ 120.8280, 41.4968,
36.9848

■ 106.9950, 48.3165,
42.9774

■ 135.2480, 34.3877,
30.4775

■ 92.5750, 55.4255,
49.4847

■ 149.0810, 27.5681,
24.4850

■ 78.7420, 62.2452,
55.4773

■ 163.5010, 20.4590,
17.9776

■ 64.3220, 69.3543,
61.9846

■ 177.3340, 13.6393,
11.9851

■ 63.4360, 69.7911,
61.8846

■ 191.7540, 6.5303,
5.4777

■ 205.5870, -0.2894,
-0.5148

■ 220.0070, -7.3985,
-7.0221

■ 233.8400,
-14.2181, -13.0147

■ 240.9280,
-17.7125, -12.2149

Harmonies

Analogous

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



94.7510, 71.1148, -83.0966



120.8280, 41.4968, 36.9848



107.3870, 20.5152, 93.4996

Triad

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



120.8280, 41.4968, 36.9848



112.1550, -55.2924, 48.0991



103.1440, 24.5790, -90.4573

Complementary

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



120.8280, 41.4968, 36.9848



167.1720, -41.4968, -36.9848

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.



94.5600, -3.2341, -82.9291



120.8280, 41.4968, 36.9848



108.0370, -53.2622, 3.4756

Square

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



120.8280, 41.4968, 36.9848



108.8820, -40.8608, 86.0495



86.6030, -35.3003, -64.5498



107.7670, 49.9079, -94.5117

Rectangle

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



120.8280, 41.4968, 36.9848



100.4310, 3.7315, 110.1240



86.6030, -35.3003, -64.5498



100.1630, 15.6956, -87.8430

Sweetspot

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



120.8280, 41.4968, 36.9848



223.2140, 15.6705, 13.8443



122.1490, 40.8455, -34.3337



107.9870, 9.8664, 8.7814



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.



120.8280, 41.4968, 36.9848



130.2150, 61.5190, 55.0624



131.3340, 27.4433, 64.6051



94.9340, 3.4835, 2.6889



51.5150, 56.4411, 50.4143



11.8070, 12.9131, 11.5703

Inverse Universe

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



124.2660, 0.3619, 70.8037



135.1870, 0.4008, 105.0760



156.6660, -27.4433, -64.6051



95.3320, -0.1637, 5.8478



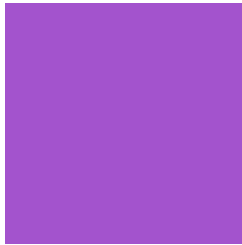
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 120.8280, 41.4968, 36.9848 looks on a white background.

Color Contrast Check

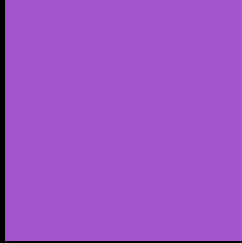
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8280, 41.4968, 36.9848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

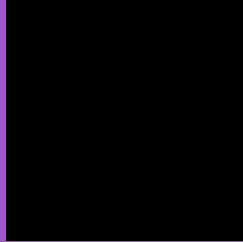
Any Text WCAG AA ✓ Pass

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 120.8280, 41.4968, 36.9848 Background



This preview shows how black text looks on a background with the YUV color 120.8280, 41.4968, 36.9848.



This preview shows how white text looks on a background with the YUV color 120.8280, 41.4968,

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

120.8280, 41.4968, 36.9848

Protanopia

105.8850, 64.6397, -59.5351

Deuteranopia

113.0450, 41.8828, -40.3815



Tritanopia

121.1710, -2.5493, 24.4060

Trichromacy



Original Color

120.8280, 41.4968, 36.9848



Protanomaly

110.9280, 56.2375, -24.4929



Deuteranomaly

116.2210, 41.7960, -12.4718



Tritanomaly

121.0310, 13.2957, 28.9138

Monochromacy



Original Color

120.8280, 41.4968, 36.9848



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.8010, 15.3811, 13.3295

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8280, 41.4968, 36.9848 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(163, 83, 205)` looks like.

```
.text, #text, p{  
    color:rgb(163, 83, 205)  
}
```

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(163, 83, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 83, 205) }
```

Border

The CSS property to change the border of an element to YUV 120.8280, 41.4968, 36.9848 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(163, 83, 205) }
```


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

```
.border{ border-color:rgb(163, 83, 205) }
```

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

Here you see how a box with a 4 pixel rgb(163, 83, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 83, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 83, 205);  
box-shadow:4px 4px 4px 4px rgb(163, 83,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 120.8280, 41.4968, 36.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 83, 205) }
```

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

```
.background{ background-color: rgb(163, 83,  
205) }
```

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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