

Converting Colors

YUV(140.0970, 40.3782,
69.1979)

Have a look what the booklet for
YUV(140.0970, 40.3782, 69.1979)
contains.

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Color

**YUV(140.0970, 40.3782,
69.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	DB54DE
RGB	219, 84, 222
RGB Percent	86%, 33%, 87%
CMY	0.1412, 0.6706, 0.1294
CMYK	0.01, 0.62, 0.00, 0.13
HSL	299°, 68%, 60%
HSV	299°, 62%, 87%
XYZ	45.5686, 26.6746, 71.8542
YIQ	140.0970, 36.1620, 71.5380

Conversions

Conversions Part 2

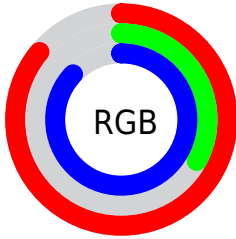
Format	Color
R _Y B	219, 84, 222
Decimal	14374110
CIE Lab	58.67, 69.47, -45.38
CIE LCh	59, 82.979, 326.846
Yxy	26.6746, 0.3162, 0.1851
Android (android.graphics.Color)	4292564190 (0xFFDB54DE)
YUV	140.0970, 40.3782, 69.1979
Hunter-Lab	51.6475, 67.1073, -46.3336

Details

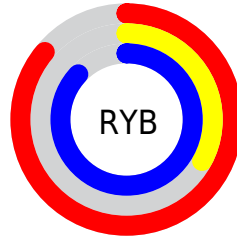
The YUV color $140.0970, 40.3782, 69.1979$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $165.9030, -40.3782, -69.1979$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.6690, 32.7012, 58.1723$, and $71.7590, 46.4608, 78.2644$ is the 20% darker color. If you saturate the color by 10%, you get $127.1830, 46.7448, 80.5235$, and if you desaturate by 10%, it is $153.0110, 34.0116, 57.8724$.

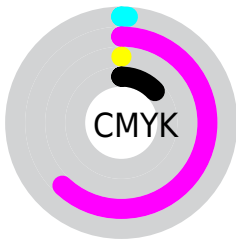
Distribution



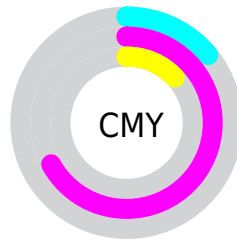
- Red (86%)
- Green (33%)
- Blue (87%)



- Red (86%)
- Yellow (33%)
- Blue (87%)



- Cyan (1%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)




- Cyan (14%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.0970, 40.3782, 69.1979 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 140.0970, 40.3782, 69.1979 by changing the saturation by 10% instead.


 140.0970, 40.3782,
69.1979


 140.0970, 40.3782,
69.1979


255.0000, 0.0000,
0.0000


 110.0370, 41.3938,
70.1276


 188.6690, 32.7012,
58.1723

 71.7590, 46.4608,
78.2644


 205.1050, 24.5982,
43.7579


 55.3140, 41.2572,
67.2536

 222.1280, 16.2059,
28.8287

 43.9780, 34.0278,
52.6393

 239.7380, 7.5242,
13.3848

 32.7560, 27.2353,
37.9250

 22.5450, 20.4373,
24.9550

 10.0560, 15.2554,

6.9669

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 140.0970, 40.3782,
69.1979

■ 140.0970, 40.3782,
69.1979

■ 127.1830, 46.7448,
80.5235

■ 153.0110, 34.0116,
57.8724

■ 113.9700, 53.2588,
91.2343

■ 166.2240, 27.4976,
47.1616

■ 100.4690, 59.9148,
103.0747

■ 179.7250, 20.8416,
35.3212

■ 90.1910, 64.9818,
111.2115

■ 192.9380, 14.3276,
24.6104

■ 205.8520, 7.9610,
13.2848

■ 219.0650, 1.4470,
2.5740

■ 231.9790, -4.9196,
-8.7516

■ 241.6700, -9.6973,
-16.3736

Harmonies

Analogous

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



136.5310, 58.4052, -19.7597



140.0970, 40.3782, 69.1979



119.4010, 16.0713, 118.9203

Triad

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



140.0970, 40.3782, 69.1979



132.7550, -65.4482, 38.8029



124.3340, 39.7683, -109.0409

Complementary

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



140.0970, 40.3782, 69.1979



165.9030, -40.3782, -69.1979

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.



115.8980, 7.4453, -101.6425



140.0970, 40.3782, 69.1979



123.5650, -60.9175, -14.5275

Square

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



140.0970, 40.3782, 69.1979



129.5300, -63.8583, 88.9892



104.0710, -25.1780, -91.2703



127.0990, 63.0552, -111.4658

Rectangle

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



140.0970, 40.3782, 69.1979



116.8640, -6.3420, 121.1453



104.0710, -25.1780, -91.2703



122.1850, 28.9958, -107.1562

Sweetspot

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



140.0970, 40.3782, 69.1979



226.5250, 14.0382, 24.0956



102.6670, 58.8312, -16.3710



110.0910, 8.8291, 14.8292



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.



140.0970, 40.3782, 69.1979



141.6870, 55.8633, 95.8675



133.6980, 11.9809, 77.4409



105.5430, 3.1833, 5.6628



71.4920, 51.5224, 88.1455



19.5250, 14.0382, 24.0956

Inverse Universe

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



125.6040, -19.0318, 84.5393



121.5650, -26.4075, 117.0225



172.3020, -11.9809, -77.4409



104.2890, -1.6215, 6.7625



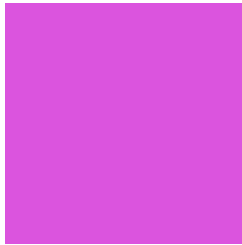
53.0800, -24.1964, 107.8008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 140.0970, 40.3782, 69.1979 looks on a white background.

Color Contrast Check

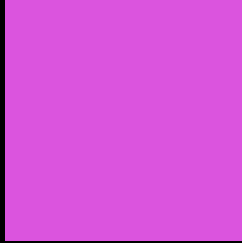
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0970, 40.3782, 69.1979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

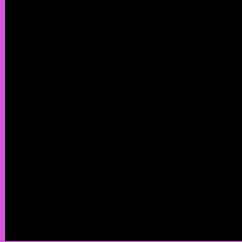
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.0970, 40.3782, 69.1979

Background



This preview shows how black text looks on a background with the YUV color 140.0970, 40.3782, 69.1979.



This preview shows how white text looks on a background with the YUV color 140.0970, 40.3782, 69.1979.

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

140.0970, 40.3782, 69.1979

Protanopia

135.1920, 59.0653, -44.8954

Deuteranopia

139.5260, 35.7297, -26.7713



Tritanopia

142.0180, -10.3619, 56.9892

Trichromacy



Original Color

140.0970, 40.3782, 69.1979



Protanomaly

136.7350, 52.3886, -3.2756



Deuteranomaly

139.6150, 37.6578, 8.2306



Tritanomaly

140.9750, 8.3933, 61.4119

Monochromacy



Original Color

140.0970, 40.3782, 69.1979



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.3510, 14.6170, 25.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0970, 40.3782, 69.1979 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(219, 84, 222)` looks like.

```
.text, #text, p{  
    color:rgb(219, 84, 222)  
}
```

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(219, 84, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 84, 222) }
```

Border

The CSS property to change the border of an element to YUV 140.0970, 40.3782, 69.1979 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(219, 84, 222) }
```


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

```
.border{ border-color:rgb(219, 84, 222) }
```

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

Here you see how a box with a 4 pixel rgb(219, 84, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 84, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 84, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 84,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 140.0970, 40.3782, 69.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 84, 222) }
```

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

```
.background{ background-color: rgb(219, 84,  
222) }
```

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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