

Converting Colors

YUV(138.0970, 40.3782,
69.1979)

Have a look what the booklet for
YUV(138.0970, 40.3782, 69.1979)
contains.

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Color

**YUV(138.0970, 40.3782,
69.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	D952DC
RGB	217, 82, 220
RGB Percent	85%, 32%, 86%
CMY	0.1490, 0.6784, 0.1373
CMYK	0.01, 0.63, 0.00, 0.14
HSL	299°, 66%, 59%
HSV	299°, 63%, 86%
XYZ	44.5508, 25.9536, 70.3716
YIQ	138.0970, 36.1620, 71.5380

Conversions

Conversions Part 2

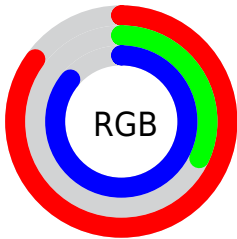
Format	Color
R_{YB}	217, 82, 220
Decimal	14242524
CIE _{Lab}	57.99, 69.46, -45.34
CIE _{LCh}	58, 82.952, 326.863
Yxy	25.9536, 0.3162, 0.1842
Android (android.graphics.Color)	4292432604 (0xFFD952DC)
YUV	138.0970, 40.3782, 69.1979
Hunter-Lab	50.9447, 66.9440, -46.2380

Details

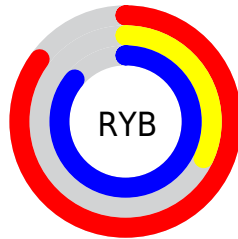
The YUV color **138.0970, 40.3782, 69.1979** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **163.9030, -40.3782, -69.1979**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4950, 33.2800, 59.2019**, and **67.9980, 47.3290, 79.8088** is the 20% darker color. If you saturate the color by 10%, you get **125.1830, 46.7448, 80.5235**, and if you desaturate by 10%, it is **151.0110, 34.0116, 57.8724**.

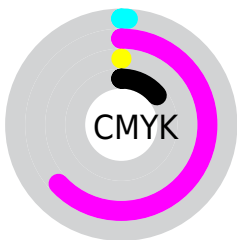
Distribution



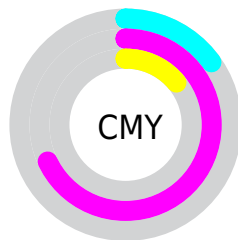
- Red (85%)
- Green (32%)
- Blue (86%)



- Red (85%)
- Yellow (32%)
- Blue (86%)



- Cyan (1%)
- Magenta (63%)
- Yellow (0%)
- Black (14%)




- Cyan (15%)
- Magenta (68%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.0970, 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 138.0970, 40.3782, 69.1979 by changing the saturation by 10% instead.


 138.0970, 40.3782,
69.1979


 138.0970, 40.3782,
69.1979


255.0000, 0.0000,
0.0000


 108.0370, 41.3938,
70.1276


 187.4950, 33.2800,
59.2019

 67.9980, 47.3290,
79.8088


 203.9310, 25.1770,
44.7875


 54.6020, 41.1152,
66.1240

 220.9540, 16.7847,
29.8583

 43.2660, 33.8859,
51.5097

 238.5640, 8.1029,
14.4144

 32.2290, 26.5091,
37.5102

 21.8330, 20.2953,
23.8255

 8.6320, 14.9714,

4.7077

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 138.0970, 40.3782,
69.1979

■ 138.0970, 40.3782,
69.1979

■ 125.1830, 46.7448,
80.5235

■ 151.0110, 34.0116,
57.8724

■ 111.9700, 53.2588,
91.2343

■ 164.2240, 27.4976,
47.1616

■ 99.0560, 59.6254,
102.5599

■ 177.1380, 21.1310,
35.8360

■ 89.3650, 64.4031,
110.1819

■ 190.3510, 14.6170,
25.1252

203.2650, 8.2504,
13.7996

216.4780, 1.7363,
3.0888

229.3920, -4.6303,
-8.2368

240.8440,
-10.2761, -17.4032

Harmonies

Analogous

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



134.7590, 59.2788, -19.9596



138.0970, 40.3782, 69.1979



117.4120, 16.0659, 120.6647

Triad

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



138.0970, 40.3782, 69.1979



130.9830, -64.5746, 38.6029



122.9320, 39.4735, -107.8114

Complementary

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



138.0970, 40.3782, 69.1979



163.9030, -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.



114.4960, 7.1505, -100.4130



138.0970, 40.3782, 69.1979



121.7930, -60.0439, -14.7275

Square

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



138.0970, 40.3782, 69.1979



128.0460, -63.1267, 87.6597



102.6690, -25.4728, -90.0407



126.5120, 63.3446, -110.9510

Rectangle

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



138.0970, 40.3782, 69.1979



114.8750, -6.3474, 122.8896



102.6690, -25.4728, -90.0407



120.8970, 29.1378, -106.0267

Sweetspot

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



138.0970, 40.3782, 69.1979



226.5250, 14.0382, 24.0956



100.6670, 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.



138.0970, 40.3782, 69.1979



141.6870, 55.8633, 95.8675



131.6980, 11.9809, 77.4409



103.2440, 3.3307, 5.0480



70.5520, 50.5069, 87.2159



18.6990, 13.4594, 23.0660

Inverse Universe

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



123.6040, -19.0318, 84.5393



121.5650, -26.4075, 117.0225



170.3020, -11.9809, -77.4409



102.2890, -1.6215, 6.7625



52.1830, -23.7542, 105.9565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 138.0970, 40.3782, 69.1979 looks on a white background.

Color Contrast Check

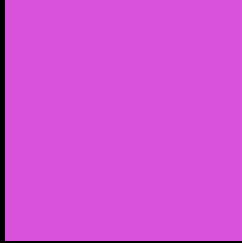
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.0970, 40.3782, 69.1979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

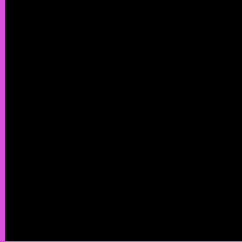
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.0970, 40.3782, 69.1979

Background



This preview shows how black text looks on a background with the YUV color 138.0970, 40.3782, 69.1979.



This preview shows how white text looks on a background with the YUV color 138.0970, 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

138.0970, 40.3782, 69.1979

Protanopia

132.8220, 60.2338, -46.3249

Deuteranopia

137.5260, 35.7297, -26.7713



Tritanopia

140.7190, -10.2145, 56.3744

Trichromacy



Original Color

138.0970, 40.3782, 69.1979



Protanomaly

134.5500, 52.9729, -3.9903



Deuteranomaly

137.6150, 37.6578, 8.2306



Tritanomaly

139.5620, 8.1039, 60.8971

Monochromacy



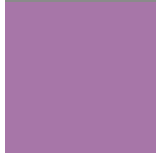
Original Color

138.0970, 40.3782, 69.1979



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.3510, 14.6170, 25.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0970, 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(217, 82, 220)` looks like.

```
.text, #text, p{  
    color:rgb(217, 82, 220)  
}
```

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(217, 82, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 82, 220) }
```

Border

The CSS property to change the border of an element to YUV 138.0970, 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(217, 82, 220) }
```


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

```
.border{ border-color:rgb(217, 82, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 82, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 82, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 82, 220);  
box-shadow:4px 4px 4px 4px rgb(217, 82,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 138.0970, 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(217, 82, 220) }
```

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

```
.background{ background-color: rgb(217, 82,  
220) }
```

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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