

Converting Colors

YUV(138.6150, 34.6998,
70.4976)

Have a look what the booklet for
YUV(138.6150, 34.6998, 70.4976)
contains.

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Color

**YUV(138.6150, 34.6998,
70.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	DB54D1
RGB	219, 84, 209
RGB Percent	86%, 33%, 82%
CMY	0.1412, 0.6706, 0.1804
CMYK	0.00, 0.62, 0.05, 0.14
HSL	304°, 65%, 59%
HSV	304°, 62%, 86%
XYZ	43.8924, 26.0042, 63.0275
YIQ	138.6150, 40.3350, 67.4950

Conversions

Conversions Part 2

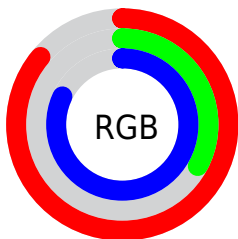
Format	Color
R _Y B	219, 84, 209
Decimal	14374097
CIE Lab	58.04, 67.33, -39.02
CIE LCh	58, 77.823, 329.904
Yxy	26.0042, 0.3302, 0.1956
Android (android.graphics.Color)	4292564177 (0xFFDB54D1)
YUV	138.6150, 34.6998, 70.4976
Hunter-Lab	50.9943, 64.4005, -37.5848

Details

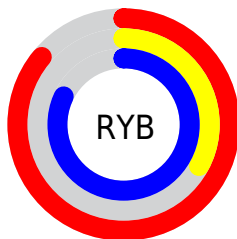
The YUV color **138.6150, 34.6998, 70.4976** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **164.3850, -34.6998, -70.4976**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **72.1520, 40.3511, 77.9197** is the 20% darker color. If you saturate the color by 10%, you get **125.4730, 40.1928, 82.0232**, and if you desaturate by 10%, it is **151.7570, 29.2068, 58.9721**.

Distribution



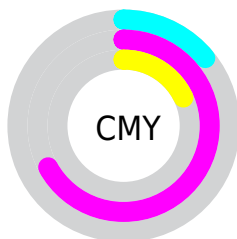
- Red (86%)
- Green (33%)
- Blue (82%)



- Red (86%)
- Yellow (33%)
- Blue (82%)



- Cyan (0%)
- Magenta (62%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (67%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.6150, 34.6998, 70.4976 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 138.6150, 34.6998, 70.4976 by changing the saturation by 10% instead.


 138.6150, 34.6998,
70.4976


 138.6150, 34.6998,
70.4976


255.0000, 0.0000,
0.0000


 108.5550, 35.7154,
71.4273


 188.0820, 32.9906,
58.6871


 72.1520, 40.3511,
77.9197


 205.1050, 24.5982,
43.7579


 54.0600, 36.4524,
68.3534

 222.1280, 16.2059,
28.8287

 42.7240, 29.2231,
53.7391

 239.1510, 7.8136,
13.8996

 31.9150, 22.7199,
39.5395

 21.7040, 15.9219,
26.5696

 9.0300, 11.3242,

7.8667

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 138.6150, 34.6998,
70.4976

■ 138.6150, 34.6998,
70.4976

■ 125.4730, 40.1928,
82.0232

■ 151.7570, 29.2068,
58.9721

■ 112.4450, 46.1226,
93.4487

■ 164.7850, 23.2770,
47.5466

■ 99.3030, 51.6156,
104.9743

■ 177.9270, 17.7840,
36.0210

■ 88.6230, 56.3879,
114.3406

■ 190.9550, 11.8542,
24.5955

204.0970, 6.3612,
13.0699

216.6520, 1.1576,
2.0592

229.6800, -4.7722,
-9.3664

240.4740, -9.1077,
-18.8327

240.7020, -8.2341,
-19.0327

Harmonies

Analogous

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



139.2660, 57.0569, -7.2493



138.6150, 34.6998, 70.4976



124.8320, 8.9568, 114.1573

Triad

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



138.6150, 34.6998, 70.4976



130.6510, -64.4109, 32.7551



122.6870, 41.0733, -107.5965

Complementary

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



138.6150, 34.6998, 70.4976



164.3850, -34.6998, -70.4976

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.



114.8210, 10.9342, -100.6980



138.6150, 34.6998, 70.4976



120.8850, -59.5963, -18.3161

Square

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



138.6150, 34.6998, 70.4976



129.1760, -63.6838, 79.6526



104.3790, -18.9208, -91.5404



124.7510, 64.2128, -109.4066

Rectangle

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



138.6150, 34.6998, 70.4976



123.8110, -12.7248, 115.0528



104.3790, -18.9208, -91.5404



120.1790, 31.4638, -105.3970

Sweetspot

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



138.6150, 34.6998, 70.4976



227.6560, 12.0016, 23.9807



102.0810, 57.6411, -7.9640



110.6350, 7.0819, 15.2291



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.



138.6150, 34.6998, 70.4976



142.4610, 48.5797, 98.6967



131.0910, 5.8711, 77.0962



103.4290, 2.7465, 5.7628



70.0810, 44.8231, 90.2600



18.5420, 11.5648, 24.0807

Inverse Universe

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



138.6150, 34.6998, 70.4976



142.4610, 48.5797, 98.6967



171.9090, -5.8711, -77.0962



103.4290, 2.7465, 5.7628



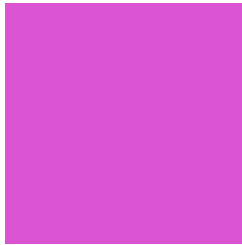
70.0810, 44.8231, 90.2600



18.5420, 11.5648, 24.0807

Previews

White Background



This preview shows how the YUV color 138.6150, 34.6998, 70.4976 looks on a white background.

Color Contrast Check

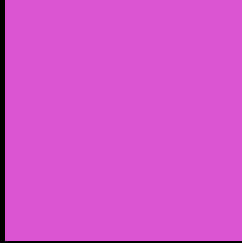
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6150, 34.6998, 70.4976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

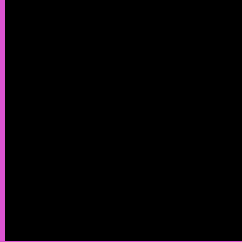
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.6150, 34.6998, 70.4976

Background



This preview shows how black text looks on a background with the YUV color 138.6150, 34.6998, 70.4976.



This preview shows how white text looks on a background with the YUV color 138.6150, 34.6998,

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

138.6150, 34.6998, 70.4976

Protanopia

133.1210, 60.0863, -45.7101

Deuteranopia

139.3760, 29.8876, -19.6238



Tritanopia

140.5130, -11.0989, 60.0631

Trichromacy



Original Color

138.6150, 34.6998, 70.4976



Protanomaly

134.9800, 50.7889, -3.4905



Deuteranomaly

139.0410, 31.5318, 13.1190



Tritanomaly

140.1880, 5.3303, 63.8561

Monochromacy



Original Color

138.6150, 34.6998, 70.4976



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.7810, 12.4330, 25.6251

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6150, 34.6998, 70.4976 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 84, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 84, 209) }
```

Border

The CSS property to change the border of an element to YUV 138.6150, 34.6998, 70.4976 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, 209) }
```


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

```
.border{ border-color:rgb(219, 84, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 84, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 84, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 84,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 138.6150, 34.6998, 70.4976 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, 209) }
```

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

```
.background{ background-color: rgb(219, 84,  
209) }
```

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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