

Converting Colors

YUV(138.9680, 36.0048,
71.9421)

Have a look what the booklet for
YUV(138.9680, 36.0048, 71.9421)
contains.

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Color

**YUV(138.9680, 36.0048,
71.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	DD53D4
RGB	221, 83, 212
RGB Percent	87%, 33%, 83%
CMY	0.1333, 0.6745, 0.1686
CMYK	0.00, 0.62, 0.04, 0.13
HSL	304°, 67%, 60%
HSV	304°, 62%, 87%
XYZ	44.7957, 26.3121, 65.0051
YIQ	138.9680, 40.8390, 69.3750

Conversions

Conversions Part 2

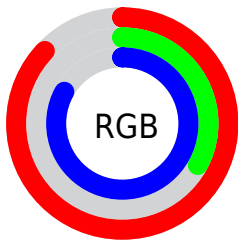
Format	Color
R_{YB}	221, 83, 212
Decimal	14504916
CIE _{Lab}	58.33, 68.71, -40.25
CIE _{LCh}	58, 79.630, 329.640
Yxy	26.3121, 0.3291, 0.1933
Android (android.graphics.Color)	4292694996 (0xFFDD53D4)
YUV	138.9680, 36.0048, 71.9421
Hunter-Lab	51.2954, 66.1154, -39.2297

Details

The YUV color **138.9680, 36.0048, 71.9421** 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 **165.0320, -36.0048, -71.9421**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **69.5700, 43.1030, 81.9381** is the 20% darker color. If you saturate the color by 10%, you get **125.9400, 41.9346, 83.3676**, and if you desaturate by 10%, it is **151.9960, 30.0750, 60.5165**.

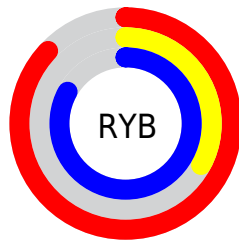
Distribution



Red (87%)

Green (33%)

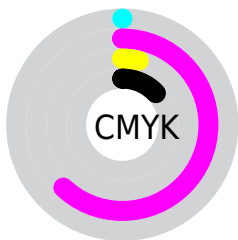
Blue (83%)



Red (87%)

Yellow (33%)

Blue (83%)

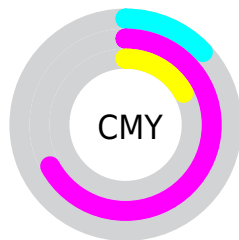


Cyan (0%)

Magenta (62%)

Yellow (4%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.9680, 36.0048, 71.9421 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 138.9680, 36.0048, 71.9421 by changing the saturation by 10% instead.


 138.9680, 36.0048,
71.9421


 138.9680, 36.0048,
71.9421


255.0000, 0.0000,
0.0000


 108.9080, 37.0204,
72.8717


 188.0820, 32.9906,
58.6871


 69.5700, 43.1030,
81.9381


 204.5180, 24.8876,
44.2727


 54.8860, 37.0312,
69.3830

 221.5410, 16.4953,
29.3435

 43.6640, 30.2386,
54.6687

 239.1510, 7.8136,
13.8996

 32.4420, 23.4461,
39.9544

 22.3450, 17.0849,
26.8844

 9.8560, 11.9030,

8.8963

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 138.9680, 36.0048,
71.9421

■ 138.9680, 36.0048,
71.9421

■ 125.9400, 41.9346,
83.3676

■ 151.9960, 30.0750,
60.5165

■ 112.7980, 47.4276,
94.8932

■ 165.1380, 24.5820,
48.9910

■ 99.7700, 53.3574,
106.3187

■ 178.1660, 18.6522,
37.5654

■ 89.6770, 57.8402,
115.1703

■ 191.3080, 13.1592,
26.0399

204.9230, 6.9400,
14.0995

218.0650, 1.4470,
2.5740

231.0930, -4.4828,
-8.8516

241.3000, -8.5289,
-17.8031

241.4140, -8.0921,
-17.9031

Harmonies

Analogous

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



139.2550, 57.0623, -8.9936



138.9680, 36.0048, 71.9421



123.1850, 10.2618, 115.6018

Triad

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



138.9680, 36.0048, 71.9421



131.2490, -64.7058, 33.9846



123.5020, 41.6575, -108.3113

Complementary

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



138.9680, 36.0048, 71.9421



165.0320, -36.0048, -71.9421

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.



115.4080, 10.6449, -101.2128



138.9680, 36.0048, 71.9421



121.4720, -59.8857, -18.8309

Square

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



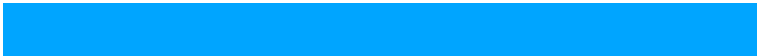
138.9680, 36.0048, 71.9421



130.0730, -64.1260, 81.4970



104.7380, -20.0838, -91.8552



125.9250, 63.6340, -110.4362

Rectangle

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



138.9680, 36.0048, 71.9421



122.0500, -11.8566, 116.5972



104.7380, -20.0838, -91.8552



121.4670, 31.3218, -106.5266

Sweetspot

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



138.9680, 36.0048, 71.9421



226.4820, 12.5804, 25.0103



100.8250, 59.2463, -9.4935



110.1620, 7.8081, 15.6439



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.



138.9680, 36.0048, 71.9421



141.5150, 50.0321, 99.5263



131.3300, 6.7393, 78.6406



103.4290, 2.7465, 5.7628



70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Inverse Universe

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



138.9680, 36.0048, 71.9421



141.5150, 50.0321, 99.5263



172.6700, -6.7393, -78.6406



103.4290, 2.7465, 5.7628



70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 138.9680, 36.0048, 71.9421 looks on a white background.

Color Contrast Check

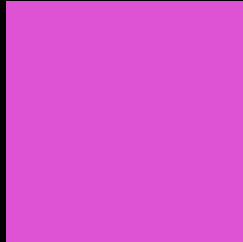
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9680, 36.0048, 71.9421 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 138.9680, 36.0048, 71.9421 Background



This preview shows how black text looks on a background with the YUV color 138.9680, 36.0048, 71.9421.



This preview shows how white text looks on a background with the YUV color 138.9680, 36.0048, 71.9421.

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

138.9680, 36.0048, 71.9421

Protanopia

134.0070, 59.6495, -45.6101

Deuteranopia

139.4190, 31.3454, -20.5385



Tritanopia

140.8120, -11.2463, 60.6779

Trichromacy



Original Color

138.9680, 36.0048, 71.9421



Protanomaly

135.6920, 50.9308, -2.3609



Deuteranomaly

139.3830, 32.8422, 12.8191



Tritanomaly

140.0140, 5.9091, 64.8857

Monochromacy



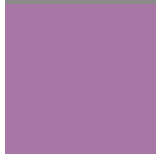
Original Color

138.9680, 36.0048, 71.9421



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.3080, 13.1592, 26.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9680, 36.0048, 71.9421 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(221, 83, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 83, 212)  
}
```

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(221, 83, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 83, 212) }
```

Border

The CSS property to change the border of an element to YUV 138.9680, 36.0048, 71.9421 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(221, 83, 212) }
```


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

```
.border{ border-color:rgb(221, 83, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 83, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 83, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 83, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 83,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 138.9680, 36.0048, 71.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 83, 212) }
```

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

```
.background{ background-color: rgb(221, 83,  
212) }
```

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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