

Converting Colors

YUV(141.5100, 40.6676,
69.7127)

Have a look what the booklet for
YUV(141.5100, 40.6676, 69.7127)
contains.

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Color

**YUV(141.5100, 40.6676,
69.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	DD55E0
RGB	221, 85, 224
RGB Percent	87%, 33%, 88%
CMY	0.1333, 0.6667, 0.1216
CMYK	0.01, 0.62, 0.00, 0.12
HSL	299°, 69%, 61%
HSV	299°, 62%, 88%
XYZ	46.5218, 27.2510, 73.3290
YIQ	141.5100, 36.4370, 72.0610

Conversions

Conversions Part 2

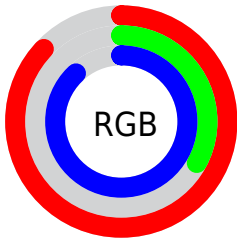
Format	Color
RYB	221, 85, 224
Decimal	14505440
CIELab	59.21, 69.88, -45.64
CIELCh	59, 83.464, 326.849
Yxy	27.2510, 0.3163, 0.1853
Android (android.graphics.Color)	4292695520 (0xFFDD55E0)
YUV	141.5100, 40.6676, 69.7127
Hunter-Lab	52.2025, 67.7215, -46.7432

Details

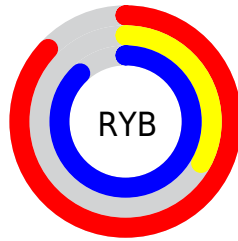
The YUV color **141.5100, 40.6676, 69.7127** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **167.4900, -40.6676, -69.7127**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **73.4600, 46.6082, 77.6496** is the 20% darker color. If you saturate the color by 10%, you get **128.5960, 47.0342, 81.0383**, and if you desaturate by 10%, it is **154.4240, 34.3010, 58.3872**.

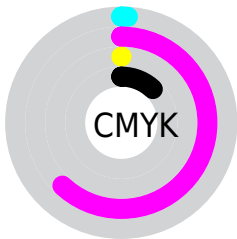
Distribution



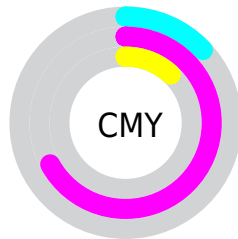
- Red (87%)
- Green (33%)
- Blue (88%)



- Red (87%)
- Yellow (33%)
- Blue (88%)



- Cyan (1%)
- Magenta (62%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.5100, 40.6676, 69.7127 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 141.5100, 40.6676, 69.7127 by changing the saturation by 10% instead.

■ 141.5100, 40.6676,
69.7127

■ 141.5100, 40.6676,
69.7127

■ 255.0000, 0.0000,
0.0000

■ 111.1510, 41.8306,
70.0276

■ 189.2560, 32.4118,
57.6575

■ 73.4600, 46.6082,
77.6496

■ 205.6920, 24.3088,
43.2431

■ 56.1400, 41.8360,
68.2832

■ 222.7150, 15.9165,
28.3139

■ 44.8040, 34.6066,
53.6689

■ 240.3250, 7.2348,
12.8700

■ 33.5820, 27.8141,
38.9546

■ 23.3710, 21.0161,
25.9846

■ 11.1810, 15.6868,

8.6113

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 141.5100, 40.6676,
69.7127

■ 141.5100, 40.6676,
69.7127

■ 128.5960, 47.0342,
81.0383

■ 154.4240, 34.3010,
58.3872

■ 114.7960, 53.8376,
92.2639

■ 168.2240, 27.4976,
47.1616

■ 101.8820, 60.2042,
103.5895

■ 181.1380, 21.1310,
35.8360

■ 91.0170, 65.5606,
112.2411

■ 194.9380, 14.3276,
24.6104

207.8520, 7.9610,
13.2848

221.0650, 1.4470,
2.5740

234.5660, -5.2090,
-9.2664

242.4960, -9.1185,
-15.3440

Harmonies

Analogous

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



137.4170, 57.9684, -19.6597



141.5100, 40.6676, 69.7127



120.2160, 16.6555, 118.2056

Triad

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



141.5100, 40.6676, 69.7127



133.9400, -66.0324, 39.5176



125.7360, 40.0632, -110.2705

Complementary

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



141.5100, 40.6676, 69.7127



167.4900, -40.6676, -69.7127

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.



116.5990, 7.5927, -102.2573



141.5100, 40.6676, 69.7127



124.4510, -61.3543, -14.4275

Square

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



141.5100, 40.6676, 69.7127



130.7150, -64.4425, 89.7039



104.7720, -25.0306, -91.8850



128.2730, 62.4764, -112.4954

Rectangle

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



141.5100, 40.6676, 69.7127



117.5650, -6.1945, 120.5305



104.7720, -25.0306, -91.8850



123.0000, 29.5800, -107.8710

Sweetspot

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



141.5100, 40.6676, 69.7127



226.5250, 14.0382, 24.0956



103.7810, 59.2680, -16.4709



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.



141.5100, 40.6676, 69.7127



142.8610, 55.2845, 94.8379



134.9970, 11.8335, 78.0556



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.



126.9030, -19.1792, 85.1541



122.9670, -26.1127, 115.7929



174.0030, -11.8335, -78.0556



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 141.5100, 40.6676, 69.7127 looks on a white background.

Color Contrast Check

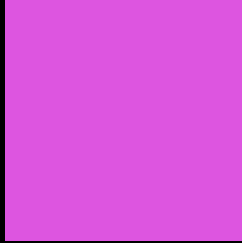
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.5100, 40.6676, 69.7127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

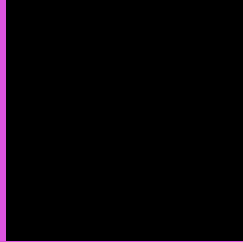
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.5100, 40.6676, 69.7127

Background



This preview shows how black text looks on a background with the YUV color 141.5100, 40.6676, 69.7127.



This preview shows how white text looks on a background with the YUV color 141.5100, 40.6676, 69.7127.

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

141.5100, 40.6676, 69.7127

Protanopia

136.6760, 58.3337, -43.5659

Deuteranopia

140.6400, 36.1665, -26.8713



Tritanopia

143.4310, -10.0725, 57.5040

Trichromacy



Original Color

141.5100, 40.6676, 69.7127



Protanomaly

138.3330, 52.0938, -2.0460



Deuteranomaly

140.7290, 38.0946, 8.1307



Tritanomaly

142.3880, 8.6827, 61.9267

Monochromacy



Original Color

141.5100, 40.6676, 69.7127



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.7640, 14.9063, 25.6400

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.5100, 40.6676, 69.7127 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, 85, 224)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 224)  
}
```

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, 85, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 224) }
```

Border

The CSS property to change the border of an element to YUV 141.5100, 40.6676, 69.7127 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, 85, 224) }
```


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

```
.border{ border-color:rgb(221, 85, 224) }
```

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

Here you see how a box with a 4 pixel rgb(221, 85, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 141.5100, 40.6676, 69.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 224) }
```

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

```
.background{ background-color: rgb(221, 85,  
224) }
```

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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