

Converting Colors

YUV(140.8420, 0.0779, 68.5446)

Have a look what the booklet for
YUV(140.8420, 0.0779, 68.5446)
contains.

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Color

**YUV(140.8420, 0.0779,
68.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	DB658D
RGB	219, 101, 141
RGB Percent	86%, 40%, 55%
CMY	0.1412, 0.6039, 0.4471
CMYK	0.00, 0.54, 0.36, 0.14
HSL	340°, 62%, 63%
HSV	340°, 54%, 86%
XYZ	38.6748, 26.2905, 28.2355
YIQ	140.8420, 57.4880, 37.4560

Conversions

Conversions Part 2

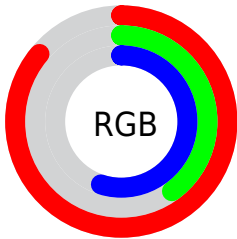
Format	Color
R _Y B	219, 101, 141
Decimal	14378381
CIE Lab	58.31, 50.20, 0.59
CIE LCh	58, 50.204, 0.668
Yxy	26.2905, 0.4150, 0.2821
Android (android.graphics.Color)	4292568461 (0xFFDB658D)
YUV	140.8420, 0.0779, 68.5446
Hunter-Lab	51.2743, 44.9078, 3.2424

Details

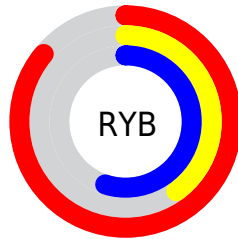
The YUV color **140.8420, 0.0779, 68.5446** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **179.1580, -0.0779, -68.5446**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9330, 2.0050, 57.0638**, and **85.2160, 2.8515, 65.5856** is the 20% darker color. If you saturate the color by 10%, you get **126.3320, 0.3293, 81.2698**, and if you desaturate by 10%, it is **155.3520, -0.1735, 55.8193**.

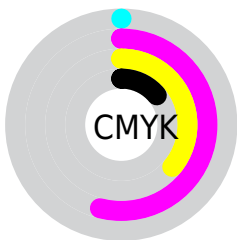
Distribution



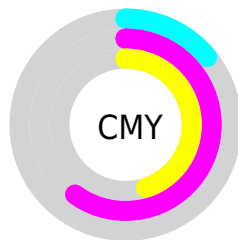
- Red (86%)
- Green (40%)
- Blue (55%)



- Red (86%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (54%)
- Yellow (36%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8420, 0.0779, 68.5446 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 140.8420, 0.0779, 68.5446 by changing the saturation by 10% instead.


 140.8420, 0.0779,
68.5446


 140.8420, 0.0779,
68.5446

255.0000, 0.0000,
0.0000


 113.1730, 1.3937,
66.5003

 189.9330, 2.0050,
57.0638

 85.2160, 2.8515,
65.5856

 209.5610, 6.1324,
39.8500


 54.2640, 6.7718,
68.1745

 229.3030, 10.6966,
22.5363

 36.3400, 4.7624,
59.3378

 246.7820, 4.0515,
7.2072

 25.5740, -0.2830,
44.2236

 15.7760, -6.7916,
31.7684

 0.0000, 0.0000,

0.0000

■ 140.8420, 0.0779,
68.5446

■ 140.8420, 0.0779,
68.5446

■ 126.3320, 0.3293,
81.2698

■ 155.3520, -0.1735,
55.8193

■ 111.7080, 0.1440,
94.0951

■ 169.9760, 0.0118,
42.9940

■ 97.1980, 0.3954,
106.8204

■ 184.4860, -0.2396,
30.2688

■ 82.5740, 0.2100,
119.6456

■ 199.1100, -0.0542,
17.4435

■ 73.9170, 0.0409,
127.2378

■ 213.6200, -0.3057,
4.7183

■ 227.6570, 0.1691,
-7.5922

■ 242.1670, -0.0823,
-20.3175

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



144.4380, 19.5041, 44.3429



140.8420, 0.0779, 68.5446



138.8750, -20.1514, 70.2696

Triad

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



140.8420, 0.0779, 68.5446



131.0580, -35.0316, -10.5749



116.1960, 49.2034, -101.9039

Complementary

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



140.8420, 0.0779, 68.5446



179.1580, -0.0779, -68.5446

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.



115.4830, 33.7789, -101.2786



140.8420, 0.0779, 68.5446



120.9180, -12.7776, -55.1791

Square

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



140.8420, 0.0779, 68.5446



135.4000, -43.5812, 25.0822



111.0540, 14.2704, -97.3944



124.2630, 51.1423, -70.3907

Rectangle

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



140.8420, 0.0779, 68.5446



138.3070, -32.1964, 60.2438



111.0540, 14.2704, -97.3944



116.3440, 44.6934, -102.0337

Sweetspot

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



140.8420, 0.0779, 68.5446



227.8550, 0.0715, 23.8062



137.4750, 40.1918, 35.5404



111.3870, -0.1908, 14.5696



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.



140.8420, 0.0779, 68.5446



145.0180, -0.0089, 96.4542



146.8480, -22.6031, 63.2773



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Inverse Universe

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



140.8420, 0.0779, 68.5446



145.0180, -0.0089, 96.4542



173.1520, 22.6031, -63.2773



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 140.8420, 0.0779, 68.5446 looks on a white background.

Color Contrast Check

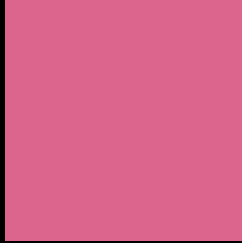
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8420, 0.0779, 68.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

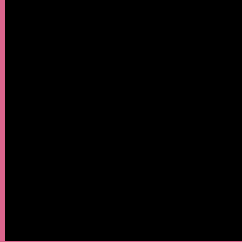
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.8420, 0.0779, 68.5446

Background



This preview shows how black text looks on a background with the YUV color 140.8420, 0.0779, 68.5446.



This preview shows how white text looks on a background with the YUV color 140.8420, 0.0779,

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

140.8420, 0.0779, 68.5446

Protanopia

141.5400, 11.0728, -4.8586

Deuteranopia

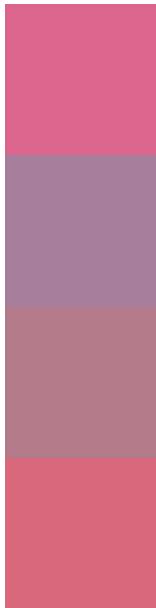
141.8660, -3.3849, 12.3955



Tritanopia

140.1010, -12.8678, 67.4404

Trichromacy



Original Color

140.8420, 0.0779, 68.5446

Protanomaly

141.3800, 7.2077, 21.5917

Deuteranomaly

141.3400, -2.1396, 33.0278

Tritanomaly

140.3660, -8.0684, 68.0850

Monochromacy



Original Color

140.8420, 0.0779, 68.5446

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.5670, 0.2135, 24.9357

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8420, 0.0779, 68.5446 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, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(219, 101, 141)  
}
```

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, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 101, 141) }
```

Border

The CSS property to change the border of an element to YUV 140.8420, 0.0779, 68.5446 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, 101, 141) }
```


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

```
.border{ border-color:rgb(219, 101, 141) }
```

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

Here you see how a box with a 4 pixel rgb(219, 101, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(219, 101,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 140.8420, 0.0779, 68.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 101, 141) }
```

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

```
.background{ background-color: rgb(219,  
101, 141) }
```

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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