

Converting Colors

YUV(140.7180, 35.1420,
68.6533)

Have a look what the booklet for
YUV(140.7180, 35.1420, 68.6533)
contains.

YUV(140.7180, 35.1420, 68.6533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(140.7180, 35.1420,
68.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	DB57D4
RGB	219, 87, 212
RGB Percent	86%, 34%, 83%
CMY	0.1412, 0.6588, 0.1686
CMYK	0.00, 0.60, 0.03, 0.14
HSL	303°, 65%, 60%
HSV	303°, 60%, 86%
XYZ	44.5053, 26.6299, 65.0818
YIQ	140.7180, 38.5470, 66.8590

Conversions

Conversions Part 2

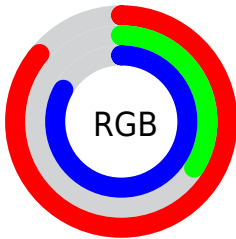
Format	Color
R _Y B	219, 87, 212
Decimal	14374868
CIE Lab	58.63, 66.58, -39.80
CIE LCh	59, 77.571, 329.131
Yxy	26.6299, 0.3267, 0.1955
Android (android.graphics.Color)	4292564948 (0xFFDB57D4)
YUV	140.7180, 35.1420, 68.6533
Hunter-Lab	51.6042, 63.6374, -38.6519

Details

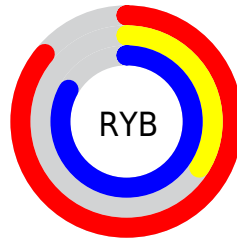
The YUV color **140.7180, 35.1420, 68.6533** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **165.2820, -35.1420, -68.6533**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 32.1224, 57.1427**, and **77.1900, 39.3463, 73.5014** is the 20% darker color. If you saturate the color by 10%, you get **127.6900, 41.0718, 80.0789**, and if you desaturate by 10%, it is **153.7460, 29.2122, 57.2278**.

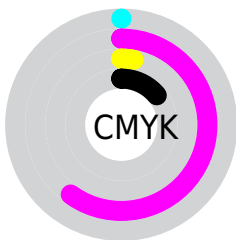
Distribution



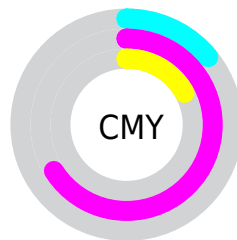
- Red (86%)
- Green (34%)
- Blue (83%)



- Red (86%)
- Yellow (34%)
- Blue (83%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (14%)





- Cyan (14%)
- Magenta (66%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7180, 35.1420, 68.6533 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 140.7180, 35.1420, 68.6533 by changing the saturation by 10% instead.


 140.7180, 35.1420,
68.6533


 140.7180, 35.1420,
68.6533


255.0000, 0.0000,
0.0000


 111.2450, 35.8682,
69.0681


 189.8430, 32.1224,
57.1427


 77.1900, 39.3463,
73.5014


 206.8660, 23.7301,
42.2135


 54.2880, 37.3260,
68.1534

 223.3020, 15.6271,
27.7991

 43.3650, 30.3861,
54.0539

 240.9120, 6.9454,
12.3552

 32.1430, 23.5935,
39.3396

 22.3450, 17.0849,
26.8844

 9.5570, 12.0504,

8.2815

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 140.7180, 35.1420,
68.6533

■ 140.7180, 35.1420,
68.6533

■ 127.6900, 41.0718,
80.0789

■ 153.7460, 29.2122,
57.2278

■ 114.6620, 47.0016,
91.5044

■ 166.7740, 23.2824,
45.8022

■ 101.6340, 52.9314,
102.9300

■ 179.8020, 17.3526,
34.3766

■ 89.0790, 58.1351,
113.9407

■ 192.9440, 11.8596,
22.8511

■ 205.3850, 6.2192,
11.9404

■ 218.4130, 0.2894,
0.5148

■ 231.4410, -5.6404,
-10.9108

■ 240.3600, -9.5445,
-18.7327

■ 240.4740, -9.1077,
-18.8327

Harmonies

Analogous

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



140.4290, 56.4835, -10.0232



140.7180, 35.1420, 68.6533



127.5220, 9.1097, 111.7982

Triad

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



140.7180, 35.1420, 68.6533



132.4340, -65.2900, 34.6994



123.8610, 40.4945, -108.6261

Complementary

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



140.7180, 35.1420, 68.6533



165.2820, -35.1420, -68.6533

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



140.7180, 35.1420, 68.6533



122.6680, -60.4753, -16.3718

Square

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



140.7180, 35.1420, 68.6533



130.6600, -64.4154, 80.9822



104.9660, -19.2102, -92.0552



125.9250, 63.6340, -110.4362

Rectangle

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



140.7180, 35.1420, 68.6533



125.3270, -11.9932, 113.7232



104.9660, -19.2102, -92.0552



121.3530, 30.8850, -106.4266

Sweetspot

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



140.7180, 35.1420, 68.6533



227.7700, 12.4384, 23.8807



104.1410, 56.6255, -8.8937



110.7490, 7.5187, 15.1291



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.



140.7180, 35.1420, 68.6533



145.8520, 48.8800, 95.7228



133.1940, 6.3134, 75.2519



103.4290, 2.7465, 5.7628



70.4230, 46.1335, 89.9600



18.6560, 12.0016, 23.9807

Inverse Universe

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



140.7180, 35.1420, 68.6533



145.8520, 48.8800, 95.7228



172.8060, -6.3134, -75.2519



103.4290, 2.7465, 5.7628



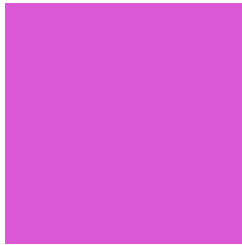
70.4230, 46.1335, 89.9600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 140.7180, 35.1420, 68.6533 looks on a white background.

Color Contrast Check

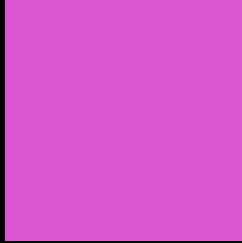
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7180, 35.1420, 68.6533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

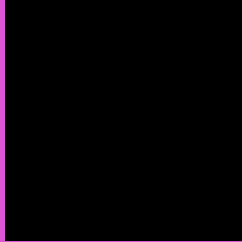
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.7180, 35.1420, 68.6533

Background



This preview shows how black text looks on a background with the YUV color 140.7180, 35.1420, 68.6533.



This preview shows how white text looks on a background with the YUV color 140.7180, 35.1420,

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

140.7180, 35.1420, 68.6533

Protanopia

135.1920, 59.0653, -44.8954

Deuteranopia

140.3050, 30.9086, -20.4385



Tritanopia

141.9150, -10.8041, 58.8335

Trichromacy



Original Color

140.7180, 35.1420, 68.6533



Protanomaly

136.8660, 50.3521, -3.3905



Deuteranomaly

140.5570, 32.2634, 11.7895



Tritanomaly

141.5900, 5.6251, 62.6266

Monochromacy



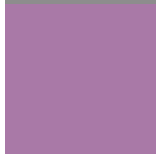
Original Color

140.7180, 35.1420, 68.6533



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.5960, 13.0172, 24.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7180, 35.1420, 68.6533 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, 87, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 87, 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(219, 87, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 87, 212) }
```

Border

The CSS property to change the border of an element to YUV 140.7180, 35.1420, 68.6533 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, 87, 212) }
```


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

```
.border{ border-color:rgb(219, 87, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 87, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 87, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 87, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 87,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 140.7180, 35.1420, 68.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 87, 212) }
```

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

```
.background{ background-color: rgb(219, 87,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor