

Converting Colors

YUV(141.4020, 37.7628,
68.0534)

Have a look what the booklet for
YUV(141.4020, 37.7628, 68.0534)
contains.

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Color

**YUV(141.4020, 37.7628,
68.0534)**

Conversions

Conversions Part 1

Format	Color
Hex	DB57DA
RGB	219, 87, 218
RGB Percent	86%, 34%, 85%
CMY	0.1412, 0.6588, 0.1451
CMYK	0.00, 0.60, 0.00, 0.14
HSL	300°, 65%, 60%
HSV	300°, 60%, 86%
XYZ	45.2765, 26.9384, 69.1430
YIQ	141.4020, 36.6210, 68.7250

Conversions

Conversions Part 2

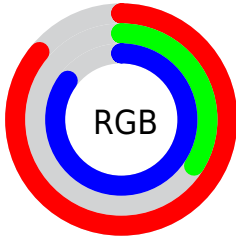
Format	Color
R _Y B	219, 87, 218
Decimal	14374874
CIE Lab	58.92, 67.58, -42.74
CIE LCh	59, 79.956, 327.688
Yxy	26.9384, 0.3203, 0.1906
Android (android.graphics.Color)	4292564954 (0xFFDB57DA)
YUV	141.4020, 37.7628, 68.0534
Hunter-Lab	51.9022, 64.8842, -42.6532

Details

The YUV color **141.4020, 37.7628, 68.0534** 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 **164.5980, -37.7628, -68.0534**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 32.1224, 57.1427**, and **77.1730, 41.8197, 73.5163** is the 20% darker color. If you saturate the color by 10%, you get **128.4880, 44.1294, 79.3790**, and if you desaturate by 10%, it is **154.3160, 31.3962, 56.7279**.

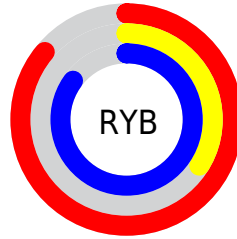
Distribution



Red (86%)

Green (34%)

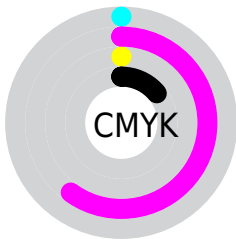
Blue (85%)



Red (86%)

Yellow (34%)

Blue (85%)

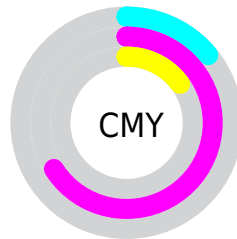


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (66%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.4020, 37.7628, 68.0534 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 141.4020, 37.7628, 68.0534 by changing the saturation by 10% instead.


 141.4020, 37.7628,
68.0534


 141.4020, 37.7628,
68.0534


255.0000, 0.0000,
0.0000


 111.9290, 38.4890,
68.4683


 189.8430, 32.1224,
57.1427


 77.1730, 41.8197,
73.5163


 206.8660, 23.7301,
42.2135


 54.9720, 39.9468,
67.5536

 223.8890, 15.3377,
27.2843

 43.6360, 32.7175,
52.9392

 240.9120, 6.9454,
12.3552

 32.7130, 25.7775,
38.8397

 22.5020, 18.9795,
25.8697

 10.0130, 13.7976,

7.8816

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 141.4020, 37.7628,
68.0534

■ 141.4020, 37.7628,
68.0534

■ 128.4880, 44.1294,
79.3790

■ 154.3160, 31.3962,
56.7279

■ 115.5740, 50.4960,
90.7046

■ 167.2300, 25.0296,
45.4023

■ 102.6600, 56.8626,
102.0302

■ 180.1440, 18.6630,
34.0767

■ 90.2190, 62.5030,
112.9409

■ 193.1720, 12.7332,
22.6512

■ 205.4990, 6.6560,
11.8404

■ 218.4130, 0.2894,
0.5148

■ 231.3270, -6.0772,
-10.8108

■ 240.1320,
-10.4181, -18.5328

Harmonies

Analogous

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



138.9230, 57.2260, -14.8415



141.4020, 37.7628, 68.0534



125.0430, 12.3038, 113.9723

Triad

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



141.4020, 37.7628, 68.0534



133.0430, -65.5902, 37.6733



124.3340, 39.7683, -109.0409

Complementary

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



141.4020, 37.7628, 68.0534



164.5980, -37.7628, -68.0534

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.



116.2400, 8.7557, -101.9425



141.4020, 37.7628, 68.0534



123.5650, -60.9175, -14.5275

Square

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



141.4020, 37.7628, 68.0534



130.9810, -64.5736, 85.0857



104.8690, -22.1204, -91.9701



127.0990, 63.0552, -111.4658

Rectangle

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



141.4020, 37.7628, 68.0534



122.7340, -9.2359, 115.9973



104.8690, -22.1204, -91.9701



121.8260, 30.1588, -106.8414

Sweetspot

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



141.4020, 37.7628, 68.0534



227.9980, 13.3120, 23.6808



102.0480, 57.6573, -13.1971



110.8630, 7.9555, 15.0291



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.



141.4020, 37.7628, 68.0534



146.8780, 52.8111, 94.8230



133.9920, 9.3709, 74.5520



103.5430, 3.1833, 5.6628



71.3350, 49.6278, 89.1602



18.9980, 13.3120, 23.6808

Inverse Universe

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



141.4020, 37.7628, 68.0534



146.8780, 52.8111, 94.8230



172.0080, -9.3709, -74.5520



103.5430, 3.1833, 5.6628



71.3350, 49.6278, 89.1602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 141.4020, 37.7628, 68.0534 looks on a white background.

Color Contrast Check

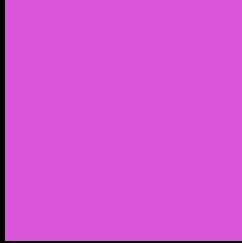
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.4020, 37.7628, 68.0534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

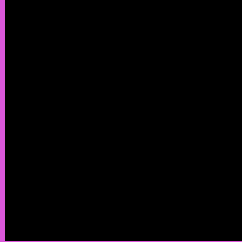
Any Text WCAG AA ✓ Pass

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 141.4020, 37.7628, 68.0534 Background



This preview shows how black text looks on a background with the YUV color 141.4020, 37.7628, 68.0534.



This preview shows how white text looks on a background with the YUV color 141.4020, 37.7628, 68.0534.

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

141.4020, 37.7628, 68.0534

Protanopia

135.7900, 58.7705, -43.6658

Deuteranopia

140.6790, 33.6823, -23.3975



Tritanopia

143.0180, -10.3619, 56.9892

Trichromacy



Original Color

141.4020, 37.7628, 68.0534



Protanomaly

137.5070, 51.5150, -3.0756



Deuteranomaly

140.6430, 35.1790, 9.9601



Tritanomaly

142.3340, 7.2303, 61.0971

Monochromacy



Original Color

141.4020, 37.7628, 68.0534



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.8240, 13.8908, 24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.4020, 37.7628, 68.0534 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 87, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 87, 218) }
```

Border

The CSS property to change the border of an element to YUV 141.4020, 37.7628, 68.0534 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, 218) }
```


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

```
.border{ border-color:rgb(219, 87, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 87, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 87, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 87,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 141.4020, 37.7628, 68.0534 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, 218) }
```

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

```
.background{ background-color: rgb(219, 87,  
218) }
```

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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