

Converting Colors

YUV(142.3140, 41.2572,
67.2536)

Have a look what the booklet for
YUV(142.3140, 41.2572, 67.2536)
contains.

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Color

**YUV(142.3140, 41.2572,
67.2536)**

Conversions

Conversions Part 1

Format	Color
Hex	DB57E2
RGB	219, 87, 226
RGB Percent	86%, 34%, 89%
CMY	0.1412, 0.6588, 0.1137
CMYK	0.03, 0.62, 0.00, 0.11
HSL	297°, 71%, 61%
HSV	297°, 62%, 89%
XYZ	46.3491, 27.3674, 74.7911
YIQ	142.3140, 34.0530, 71.2130

Conversions

Conversions Part 2

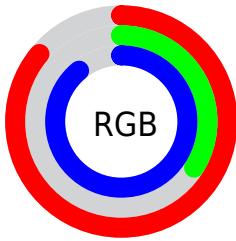
Format	Color
R _Y B	219, 87, 226
Decimal	14374882
CIE Lab	59.31, 68.93, -46.62
CIE LCh	59, 83.212, 325.930
Yxy	27.3674, 0.3121, 0.1843
Android (android.graphics.Color)	4292564962 (0xFFDB57E2)
YUV	142.3140, 41.2572, 67.2536
Hunter-Lab	52.3139, 66.5981, -48.1448

Details

The YUV color **142.3140, 41.2572, 67.2536** 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 **170.6860, -41.2572, -67.2536**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 32.1224, 57.1427**, and **77.4980, 45.6035, 73.2313** is the 20% darker color. If you saturate the color by 10%, you get **128.5140, 48.0606, 78.4792**, and if you desaturate by 10%, it is **156.1140, 34.4538, 56.0280**.

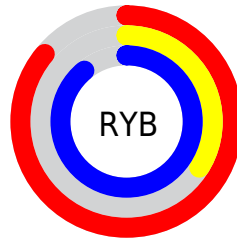
Distribution



Red (86%)

Green (34%)

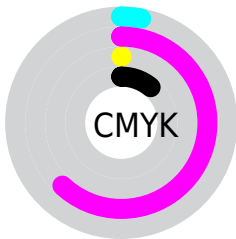
Blue (89%)



Red (86%)

Yellow (34%)

Blue (89%)

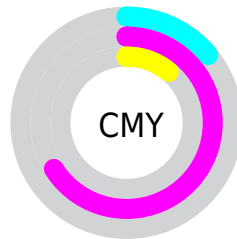


Cyan (3%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (14%)


Magenta (66%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.3140, 41.2572, 67.2536 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 142.3140, 41.2572, 67.2536 by changing the saturation by 10% instead.


 142.3140, 41.2572,
67.2536


 142.3140, 41.2572,
67.2536


255.0000, 0.0000,
0.0000


 112.8410, 41.9834,
67.6684


 189.8430, 32.1224,
57.1427


 77.4980, 45.6035,
73.2313


 206.8660, 23.7301,
42.2135


 55.7700, 43.0044,
66.8537

 223.8890, 15.3377,
27.2843

 44.4340, 35.7750,
52.2394

 240.9120, 6.9454,
12.3552

 33.2120, 28.9825,
37.5251

 23.3000, 22.0371,
25.1699

 10.6970, 16.4184,

7.2817

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 142.3140, 41.2572,
67.2536

■ 142.3140, 41.2572,
67.2536

■ 128.5140, 48.0606,
78.4792

■ 156.1140, 34.4538,
56.0280

■ 115.3010, 54.5746,
89.1900

■ 169.3270, 27.9398,
45.3172

■ 101.5010, 61.3780,
100.4156

■ 183.1270, 21.1364,
34.0916

■ 90.0490, 67.0238,
109.5820

■ 196.6390, 14.4750,
23.9956

210.4390, 7.6716,
12.7700

224.2390, 0.8682,
1.5444

237.4520, -5.6458,
-9.1664

243.6210, -8.6872,
-13.6996

243.9200, -8.8346,
-13.0848

Harmonies

Analogous

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



137.0960, 58.1267, -23.7632



142.3140, 41.2572, 67.2536



121.6180, 16.9503, 116.9760

Triad

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



142.3140, 41.2572, 67.2536



133.9510, -66.0378, 41.2620



125.5080, 39.1896, -110.0705

Complementary

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



142.3140, 41.2572, 67.2536



170.6860, -41.2572, -67.2536

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.



116.3710, 6.7191, -102.0574



142.3140, 41.2572, 67.2536



125.3480, -61.7966, -12.5832

Square

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



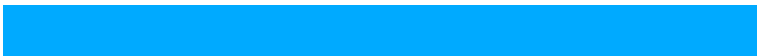
142.3140, 41.2572, 67.2536



131.0140, -64.5899, 90.3187



104.5440, -25.9042, -91.6851



128.8600, 62.1870, -113.0102

Rectangle

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



142.3140, 41.2572, 67.2536



117.9070, -4.8842, 120.2306



104.5440, -25.9042, -91.6851



122.7720, 28.7064, -107.6710

Sweetspot

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



142.3140, 41.2572, 67.2536



227.4000, 13.6068, 22.4512



108.1290, 58.1104, -18.5301



110.3790, 8.6872, 13.6996



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.



142.3140, 41.2572, 67.2536



141.0670, 56.1690, 91.1492



137.5670, 14.0175, 77.5557



105.5430, 3.1833, 5.6628



69.9970, 52.2595, 85.0716



19.2260, 14.1856, 23.4808

Inverse Universe

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



129.3590, -17.4320, 84.7542



123.6510, -23.4919, 115.1931



175.4330, -14.0175, -77.5557



104.4030, -1.1847, 6.6626



53.6500, -22.0124, 107.3010



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 142.3140, 41.2572, 67.2536 looks on a white background.

Color Contrast Check

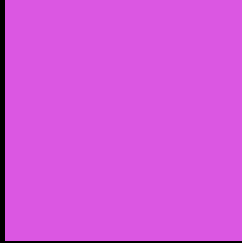
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3140, 41.2572, 67.2536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

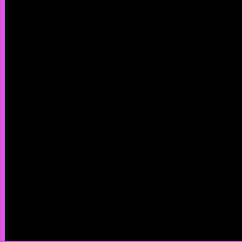
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.3140, 41.2572, 67.2536

Background



This preview shows how black text looks on a background with the YUV color 142.3140, 41.2572, 67.2536.



This preview shows how white text looks on a background with the YUV color 142.3140, 41.2572, 67.2536.

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

142.3140, 41.2572, 67.2536

Protanopia

136.9750, 58.1863, -42.9511

Deuteranopia

140.9710, 37.4823, -28.9156



Tritanopia

144.2350, -9.4829, 55.0449

Trichromacy



Original Color

142.3140, 41.2572, 67.2536



Protanomaly

138.9200, 51.8044, -2.5608



Deuteranomaly

141.5330, 38.6842, 5.6716



Tritanomaly

143.1920, 9.2723, 59.4676

Monochromacy



Original Color

142.3140, 41.2572, 67.2536



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.1660, 15.2012, 24.4104

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3140, 41.2572, 67.2536 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 87, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 87, 226) }
```

Border

The CSS property to change the border of an element to YUV 142.3140, 41.2572, 67.2536 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, 226) }
```


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

```
.border{ border-color:rgb(219, 87, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 87, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 87, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 87,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 142.3140, 41.2572, 67.2536 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, 226) }
```

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

```
.background{ background-color: rgb(219, 87,  
226) }
```

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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