

Converting Colors

YUV(173.5670, 23.8775,
41.5987)

Have a look what the booklet for
YUV(173.5670, 23.8775, 41.5987)
contains.

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Color

**YUV(173.5670, 23.8775,
41.5987)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8CDE
RGB	221, 140, 222
RGB Percent	87%, 55%, 87%
CMY	0.1333, 0.4510, 0.1294
CMYK	0.00, 0.37, 0.00, 0.13
HSL	299°, 55%, 71%
HSV	299°, 37%, 87%
XYZ	52.3817, 39.4022, 73.9518
YIQ	173.5670, 21.9540, 42.6740

Conversions

Conversions Part 2

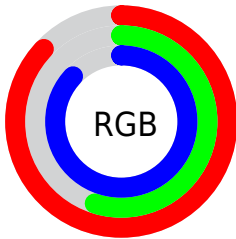
Format	Color
R _Y B	221, 140, 222
Decimal	14519518
CIE Lab	69.04, 43.38, -29.18
CIE LCh	69, 52.279, 326.072
Yxy	39.4022, 0.3161, 0.2377
Android (android.graphics.Color)	4292709598 (0xFFDD8CDE)
YUV	173.5670, 23.8775, 41.5987
Hunter-Lab	62.7712, 39.1061, -25.9107

Details

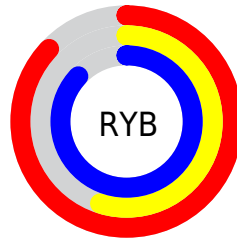
The YUV color **173.5670, 23.8775, 41.5987** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **188.4330, -23.8775, -41.5987**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **119.7300, 23.3041, 38.8248** is the 20% darker color. If you saturate the color by 10%, you get **160.6530, 30.2441, 52.9243**, and if you desaturate by 10%, it is **186.4810, 17.5109, 30.2732**.

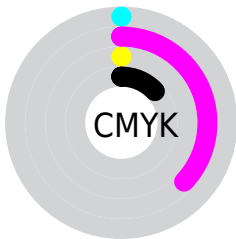
Distribution



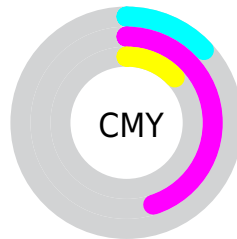
- Red (87%)
- Green (55%)
- Blue (87%)



- Red (87%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.5670, 23.8775, 41.5987 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 173.5670, 23.8775, 41.5987 by changing the saturation by 10% instead.

 173.5670, 23.8775,
41.5987


 173.5670, 23.8775,
41.5987


255.0000, 0.0000,
0.0000

 145.8550, 23.7355,
40.4692


 219.7800, 17.3635,
30.8879


 119.7300, 23.3041,
38.8248


 236.2160, 9.2605,
16.4736

 93.3170, 23.0147,
38.3100

 253.2390, 0.8682,
1.5444

 67.3170, 23.0147,
38.3100

 38.4960, 24.8985,
40.7840

 25.1650, 20.1317,
29.6733

 16.5630, 13.0334,

19.6772

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 173.5670, 23.8775,
41.5987

■ 173.5670, 23.8775,
41.5987

■ 160.6530, 30.2441,
52.9243

■ 186.4810, 17.5109,
30.2732

■ 147.4400, 36.7581,
63.6351

■ 199.6940, 10.9969,
19.5624

■ 133.9390, 43.4141,
75.4755

■ 213.1950, 4.3409,
7.7220

■ 121.0250, 49.7807,
86.8011

■ 226.1090, -2.0257,
-3.6036

■ 108.1110, 56.1473,
98.1267

■ 239.0230, -8.3923,
-14.9292

■ 94.8980, 62.6613,
108.8375

■ 241.6700, -9.6973,
-16.3736

■ 90.7890, 64.6870,
112.4410

Harmonies

Analogous

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



170.4280, 41.2010, -8.2684



173.5670, 23.8775, 41.5987



170.6620, 3.1246, 71.3334

Triad

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



173.5670, 23.8775, 41.5987



164.4610, -46.0763, 32.0447



136.5300, 35.7277, -119.7368

Complementary

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



173.5670, 23.8775, 41.5987



188.4330, -23.8775, -41.5987

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.



130.9440, 14.3246, -114.8379



173.5670, 23.8775, 41.5987



159.9510, -39.4158, -4.3420

Square

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



173.5670, 23.8775, 41.5987



166.9390, -37.4379, 61.4435



151.4690, -18.4722, -48.6463



137.8130, 53.3362, -120.8620

Rectangle

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



173.5670, 23.8775, 41.5987



168.4980, -11.5845, 75.8623



151.4690, -18.4722, -48.6463



134.7060, 28.7389, -118.1372

Sweetspot

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



173.5670, 23.8775, 41.5987



238.5640, 8.1029, 14.4144



149.9350, 35.5280, -8.7130



117.7220, 5.0671, 8.1368



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.



173.5670, 23.8775, 41.5987



188.9570, 32.5592, 57.0427



169.3060, 6.2581, 46.2126



105.5430, 3.1833, 5.6628



72.0900, 51.2276, 89.3751



19.8240, 13.8908, 24.7104

Inverse Universe

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



164.6320, -11.6506, 50.3117



176.6020, -16.0728, 68.7550



192.6940, -6.2581, -46.2126



104.2890, -1.6215, 6.7625



52.8520, -25.0700, 108.0008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 173.5670, 23.8775, 41.5987 looks on a white background.

Color Contrast Check

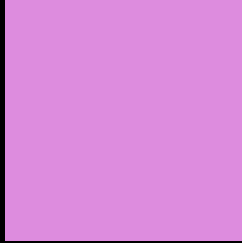
Large Text (above 18pt) WCAG AA × Fail

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 173.5670, 23.8775, 41.5987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

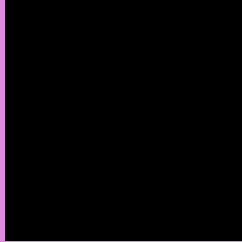
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5670, 23.8775, 41.5987 Background



This preview shows how black text looks on a background with the YUV color 173.5670, 23.8775, 41.5987.



This preview shows how white text looks on a background with the YUV color 173.5670, 23.8775,

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

173.5670, 23.8775, 41.5987

Protanopia

168.3850, 36.2922, -20.5086

Deuteranopia

170.0200, 23.1611, -8.7875



Tritanopia

171.6070, -3.7503, 36.3017

Trichromacy



Original Color

173.5670, 23.8775, 41.5987



Protanomaly

170.6760, 31.7117, 2.0381



Deuteranomaly

171.5430, 23.3963, 9.1708



Tritanomaly

172.5500, 6.1379, 38.1057

Monochromacy



Original Color

173.5670, 23.8775, 41.5987



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5670, 23.8775, 41.5987 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, 140, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 222)  
}
```

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, 140, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 222) }
```

Border

The CSS property to change the border of an element to YUV 173.5670, 23.8775, 41.5987 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, 140, 222) }
```


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

```
.border{ border-color:rgb(221, 140, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 140, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 140, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 140, 222); box-shadow:4px 4px 4px 4px rgb(221, 140, 222) }
```

Background

The CSS property to change the background color of an element to YUV 173.5670, 23.8775, 41.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 140, 222) }
```

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

```
.background{ background-color: rgb(221,  
140, 222) }
```

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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