

Converting Colors

YUV(171.5840, 21.4041,
41.5838)

Have a look what the booklet for
YUV(171.5840, 21.4041, 41.5838)
contains.

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Color

**YUV(171.5840, 21.4041,
41.5838)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DB8BD7 |
| RGB | 219, 139, 215 |
| RGB Percent | 86%, 55%, 84% |
| CMY | 0.1412, 0.4549, 0.1569 |
| CMYK | 0.00, 0.37, 0.02, 0.14 |
| HSL | 303°, 53%, 70% |
| HSV | 303°, 37%, 86% |
| XYZ | 50.7118, 38.4316, 69.0352 |
| YIQ | 171.5840, 23.2840, 40.5960 |

Conversions

Conversions Part 2

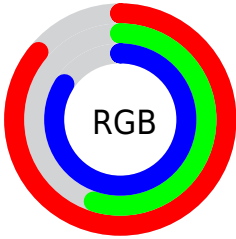
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 139, 215 |
| Decimal | 14388183 |
| CIE Lab | 68.34, 42.01, -26.41 |
| CIE LCh | 68, 49.620, 327.846 |
| Yxy | 38.4316, 0.3206, 0.2430 |
| Android (android.graphics.Color) | 4292578263 (0xFFDB8BD7) |
| YUV | 171.5840, 21.4041, 41.5838 |
| Hunter-Lab | 61.9932, 37.5286, -22.6297 |

Details

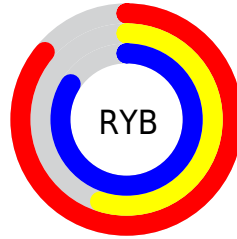
The YUV color **171.5840, 21.4041, 41.5838** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **186.4160, -21.4041, -41.5838**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **118.0460, 20.6833, 39.4247** is the 20% darker color. If you saturate the color by 10%, you get **158.5560, 27.3339, 53.0094**, and if you desaturate by 10%, it is **184.6120, 15.4743, 30.1583**.

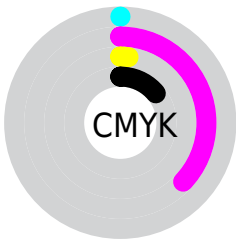
Distribution



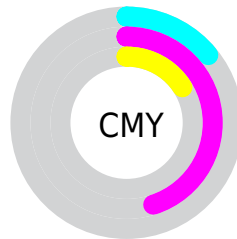
- Red (86%)
- Green (55%)
- Blue (84%)



- Red (86%)
- Yellow (55%)
- Blue (84%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (14%)





- Cyan (14%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.5840, 21.4041, 41.5838 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 171.5840, 21.4041, 41.5838 by changing the saturation by 10% instead.

 171.5840, 21.4041,
41.5838


 171.5840, 21.4041,
41.5838


255.0000, 0.0000,
0.0000


 144.4590, 20.9727,
39.9395


 219.1930, 17.6529,
31.4027


 118.0460, 20.6833,
39.4247


 235.6290, 9.5499,
16.9884

 91.4480, 20.9781,
38.1951

 252.6520, 1.1576,
2.0592

 66.0350, 20.6887,
37.6803

 37.3280, 23.0093,
40.0543

 24.1820, 17.6583,
29.6584

 15.3950, 11.1443,

18.9476

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 171.5840, 21.4041,
41.5838

■ 171.5840, 21.4041,
41.5838

■ 158.5560, 27.3339,
53.0094

■ 184.6120, 15.4743,
30.1583

■ 145.5280, 33.2637,
64.4349

■ 197.6400, 9.5445,
18.7327

■ 132.5000, 39.1935,
75.8605

■ 210.6680, 3.6147,
7.3072

■ 119.4720, 45.1233,
87.2861

■ 223.6960, -2.3151,
-4.1184

107.0310, 50.7637,
98.1968

236.7240, -8.2449,
-15.5439

93.8890, 56.2567,
109.7223

240.4740, -9.1077,
-18.8327

89.1930, 58.5719,
113.8407

240.5880, -8.6709,
-18.9327

240.7020, -8.2341,
-19.0327

240.8160, -7.7973,
-19.1326

Harmonies

Analogous

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



168.9510, 37.9852, -3.4650



171.5840, 21.4041, 41.5838



169.1840, 1.3883, 68.2446

Triad

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



171.5840, 21.4041, 41.5838



162.7210, -43.7395, 29.1857



134.5410, 35.7223, -117.9925

Complementary

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



171.5840, 21.4041, 41.5838



186.4160, -21.4041, -41.5838

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.



129.4110, 16.0664, -113.4934



171.5840, 21.4041, 41.5838



158.0370, -36.5002, -6.1714

Square

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



171.5840, 21.4041, 41.5838



165.4330, -36.6955, 56.6253



150.3380, -16.4356, -48.5314



135.0090, 52.7466, -118.4029

Rectangle

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



171.5840, 21.4041, 41.5838



167.5470, -12.5947, 73.1883



150.3380, -16.4356, -48.5314



132.9450, 29.6071, -116.5928

Sweetspot

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



171.5840, 21.4041, 41.5838



238.4500, 7.6662, 14.5144



149.3160, 34.3542, -5.5391



117.9070, 4.4828, 8.8516



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.



171.5840, 21.4041, 41.5838



188.5720, 29.7910, 58.2574



167.0240, 3.9322, 45.5830



103.4290, 2.7465, 5.7628



70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Inverse Universe

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



171.5840, 21.4041, 41.5838



188.5720, 29.7910, 58.2574



190.9760, -3.9322, -45.5830



103.4290, 2.7465, 5.7628



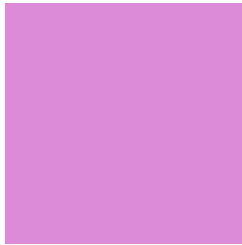
70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 171.5840, 21.4041, 41.5838 looks on a white background.

Color Contrast Check

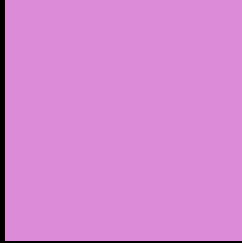
Large Text (above 18pt) WCAG AA × Fail

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 171.5840, 21.4041, 41.5838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

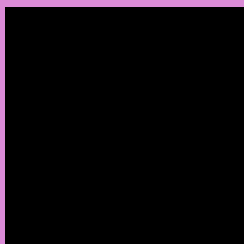
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.5840, 21.4041, 41.5838

Background



This preview shows how black text looks on a background with the YUV color 171.5840, 21.4041, 41.5838.



This preview shows how white text looks on a background with the YUV color 171.5840, 21.4041, 41.5838.

41.5838.

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

171.5840, 21.4041, 41.5838

Protanopia

167.1850, 32.9398, -18.5792

Deuteranopia

168.3470, 20.5349, -6.4433



Tritanopia

169.7920, -4.3345, 37.0164

Trichromacy



Original Color

171.5840, 21.4041, 41.5838



Protanomaly

169.1770, 28.5067, 3.3528



Deuteranomaly

169.5710, 20.9175, 10.9002



Tritanomaly

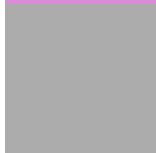
170.6210, 5.1168, 38.9204

Monochromacy



Original Color

171.5840, 21.4041, 41.5838



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8630, 7.9555, 15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5840, 21.4041, 41.5838 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, 139, 215)` looks like.

```
.text, #text, p{  
    color:rgb(219, 139, 215)  
}
```

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, 139, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 139, 215) }
```

Border

The CSS property to change the border of an element to YUV 171.5840, 21.4041, 41.5838 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, 139, 215) }
```


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

```
.border{ border-color:rgb(219, 139, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 139, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 139, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 139, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 139,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 171.5840, 21.4041, 41.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 139, 215) }
```

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

```
.background{ background-color: rgb(219,  
139, 215) }
```

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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