

Converting Colors

YUV(131.9520, 16.7857,
76.3411)

Have a look what the booklet for
YUV(131.9520, 16.7857, 76.3411)
contains.

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Color

**YUV(131.9520, 16.7857,
76.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	DB51A6
RGB	219, 81, 166
RGB Percent	86%, 32%, 65%
CMY	0.1412, 0.6824, 0.3490
CMYK	0.00, 0.63, 0.24, 0.14
HSL	323°, 66%, 59%
HSV	323°, 63%, 86%
XYZ	39.0388, 23.6981, 38.5930
YIQ	131.9520, 54.9630, 55.6910

Conversions

Conversions Part 2

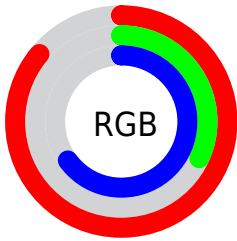
Format	Color
R _{YB}	219, 81, 166
Decimal	14373286
CIE _{Lab}	55.78, 62.25, -17.77
CIE _{LCh}	56, 64.741, 344.065
Yxy	23.6981, 0.3853, 0.2339
Android (android.graphics.Color)	4292563366 (0xFFDB51A6)
YUV	131.9520, 16.7857, 76.3411
Hunter-Lab	48.6807, 57.9543, -12.9274

Details

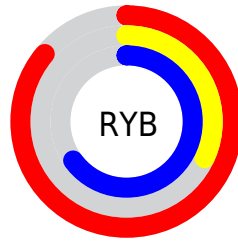
The YUV color **131.9520, 16.7857, 76.3411** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **168.0480, -16.7857, -76.3411**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4450, 19.0076, 63.6307**, and **65.5320, 23.8947, 82.8484** is the 20% darker color. If you saturate the color by 10%, you get **118.1260, 19.6579, 88.4665**, and if you desaturate by 10%, it is **145.7780, 13.9134, 64.2157**.

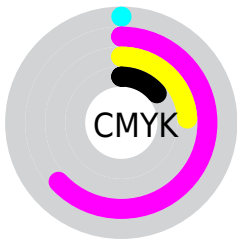
Distribution



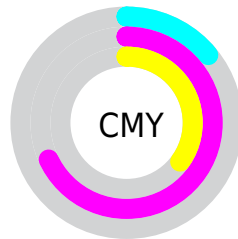
- Red (86%)
- Green (32%)
- Blue (65%)



- Red (86%)
- Yellow (32%)
- Blue (65%)



- Cyan (0%)
- Magenta (63%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.9520, 16.7857, 76.3411 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 131.9520, 16.7857, 76.3411 by changing the saturation by 10% instead.


 131.9520, 16.7857,
76.3411


 131.9520, 16.7857,
76.3411


255.0000, 0.0000,
0.0000


 102.4080, 18.5329,
75.9412


 182.4450, 19.0076,
63.6307

 65.5320, 23.8947,
82.8484

 202.1870, 23.5718,
46.3170

 49.6140, 19.4173,
72.2525

 219.7800, 17.3635,
30.8879

 38.6200, 13.4983,
57.3383

 236.8030, 8.9711,
15.9588

 27.7400, 8.0162,
42.3240

254.4130, 0.2894,
0.5148

 17.5720, 2.6760,
28.4394

 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 131.9520, 16.7857,
76.3411

■ 131.9520, 16.7857,
76.3411

■ 118.1260, 19.6579,
88.4665

■ 145.7780, 13.9134,
64.2157

■ 104.1860, 22.0933,
100.6919

■ 159.7180, 11.4780,
51.9903

■ 90.3600, 24.9655,
112.8173

■ 173.5440, 8.6058,
39.8649

■ 80.8710, 26.6856,
121.1391

■ 187.4840, 6.1704,
27.6395

■ 201.3100, 3.2982,
15.5141

■ 214.5490, 0.7153,
3.9035

■ 228.4890, -1.7201,
-8.3219

■ 241.7280, -4.3029,
-19.9325

■ 242.7540, -0.3717,
-20.8323

Harmonies

Analogous

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



137.2630, 38.3243, 27.8333



131.9520, 16.7857, 76.3411



127.1180, -8.4392, 93.7355

Triad

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



131.9520, 16.7857, 76.3411



122.2570, -60.2727, 12.0526



116.2130, 46.7300, -101.9188

Complementary

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



131.9520, 16.7857, 76.3411



168.0480, -16.7857, -76.3411

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.



112.0460, 23.1483, -98.2643



131.9520, 16.7857, 76.3411



114.3980, -34.2132, -39.8140

Square

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



131.9520, 16.7857, 76.3411



125.7550, -61.9972, 51.9579



104.2600, -1.6072, -91.4360



114.4640, 62.8752, -100.3849

Rectangle

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



131.9520, 16.7857, 76.3411



127.3780, -26.3154, 87.3685



104.2600, -1.6072, -91.4360



115.5630, 39.1624, -101.3488

Sweetspot

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



131.9520, 16.7857, 76.3411



224.6580, 5.5916, 26.6099



112.5790, 52.4656, 18.7862



109.0220, 3.4402, 16.6437



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.



131.9520, 16.7857, 76.3411



132.6860, 23.8188, 107.2694



124.0860, -13.3534, 83.2396



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Inverse Universe

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



131.9520, 16.7857, 76.3411



132.6860, 23.8188, 107.2694



175.9140, 13.3534, -83.2396



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 131.9520, 16.7857, 76.3411 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 131.9520, 16.7857, 76.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

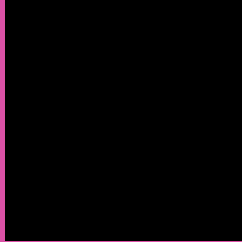
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9520, 16.7857, 76.3411

Background



This preview shows how black text looks on a background with the YUV color 131.9520, 16.7857, 76.3411.



This preview shows how white text looks on a background with the YUV color 131.9520, 16.7857,

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

131.9520, 16.7857, 76.3411

Protanopia

133.3310, 34.8398, -21.3383

Deuteranopia

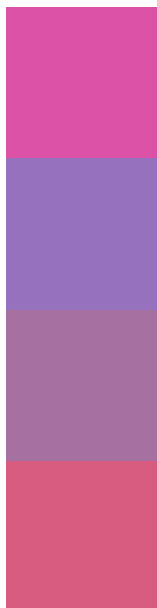
135.2740, 11.2039, -0.2403



Tritanopia

132.3680, -14.4784, 70.7143

Trichromacy



Original Color

131.9520, 16.7857, 76.3411

Protanomaly

132.5420, 28.3268, 14.4337

Deuteranomaly

134.3190, 13.1537, 27.7842

Tritanomaly

132.0660, -2.9905, 72.7331

Monochromacy



Original Color

131.9520, 16.7857, 76.3411

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.7830, 6.0230, 28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9520, 16.7857, 76.3411 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, 81, 166)` looks like.

```
.text, #text, p{  
    color:rgb(219, 81, 166)  
}
```

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, 81, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 81, 166) }
```

Border

The CSS property to change the border of an element to YUV 131.9520, 16.7857, 76.3411 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, 81, 166) }
```


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

```
.border{ border-color:rgb(219, 81, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 81, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 81, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 81, 166);  
box-shadow:4px 4px 4px 4px rgb(219, 81,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 131.9520, 16.7857, 76.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 81, 166) }
```

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

```
.background{ background-color: rgb(219, 81,  
166) }
```

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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