

Converting Colors

YUV(134.2930, 19.5756,
68.1490)

Have a look what the booklet for
YUV(134.2930, 19.5756, 68.1490)
contains.

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Color

**YUV(134.2930, 19.5756,
68.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	D457AE
RGB	212, 87, 174
RGB Percent	83%, 34%, 68%
CMY	0.1686, 0.6588, 0.3176
CMYK	0.00, 0.59, 0.18, 0.17
HSL	318°, 59%, 59%
HSV	318°, 59%, 83%
XYZ	38.1996, 23.8694, 42.6383
YIQ	134.2930, 46.5730, 53.5570

Conversions

Conversions Part 2

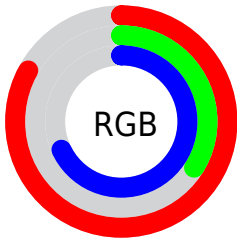
Format	Color
R _Y B	212, 87, 174
Decimal	13916078
CIE Lab	55.96, 58.83, -22.26
CIE LCh	56, 62.898, 339.275
Yxy	23.8694, 0.3648, 0.2280
Android (android.graphics.Color)	4292106158 (0xFFD457AE)
YUV	134.2930, 19.5756, 68.1490
Hunter-Lab	48.8564, 54.0660, -17.5446

Details

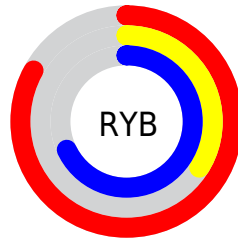
The YUV color **134.2930, 19.5756, 68.1490** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **164.7070, -19.5756, -68.1490**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4060, 21.4918, 60.1569**, and **74.5150, 22.9171, 69.7083** is the 20% darker color. If you saturate the color by 10%, you get **121.2820, 23.0320, 79.5597**, and if you desaturate by 10%, it is **147.3040, 16.1191, 56.7384**.

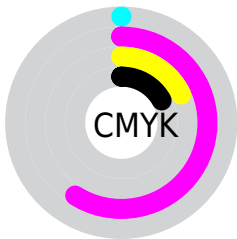
Distribution



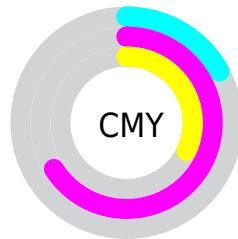
- Red (83%)
- Green (34%)
- Blue (68%)



- Red (83%)
- Yellow (34%)
- Blue (68%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (17%)



- Cyan (17%)
- Magenta (66%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2930, 19.5756, 68.1490 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 134.2930, 19.5756, 68.1490 by changing the saturation by 10% instead.

134.2930, 19.5756,
68.1490

134.2930, 19.5756,
68.1490

255.0000, 0.0000,
0.0000

105.5210, 20.4491,
67.9491

186.4060, 21.4918,
60.1569

74.5150, 22.9171,
69.7083

205.6920, 24.3088,
43.2431

48.6180, 23.3593,
67.8640

222.1280, 16.2059,
28.8287

37.8090, 16.8562,
53.6645

239.7380, 7.5242,
13.3848

27.2280, 11.2266,
39.2650

16.9460, 5.4496,
25.4804

0.0000, 0.0000,

0.0000

■ 134.2930, 19.5756,
68.1490

■ 134.2930, 19.5756,
68.1490

■ 121.2820, 23.0320,
79.5597

■ 147.3040, 16.1191,
56.7384

■ 108.1570, 26.0516,
91.0703

■ 160.4290, 13.0995,
45.2278

■ 94.5590, 29.7974,
102.9958

■ 174.0270, 9.3537,
33.3023

■ 81.4340, 32.8170,
114.5064

■ 187.1520, 6.3341,
21.7917

■ 80.2600, 33.3958,
115.5360

■ 200.1630, 2.8776,
10.3810

■ 213.2880, -0.1420,
-1.1296

■ 226.2990, -3.5984,
-12.5402

■ 238.8370, -6.3286,
-23.5360

■ 239.5210, -3.7079,
-24.1359

Harmonies

Analogous

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



137.6530, 40.1041, 16.9673



134.2930, 19.5756, 68.1490



128.7200, -4.7920, 90.5766

Triad

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



134.2930, 19.5756, 68.1490



123.7740, -61.0206, 18.6152



115.7740, 42.5094, -101.5338

Complementary

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



134.2930, 19.5756, 68.1490



164.7070, -19.5756, -68.1490

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.



110.4330, 19.5065, -96.8497



134.2930, 19.5756, 68.1490



118.0250, -38.4663, -28.9629

Square

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



134.2930, 19.5756, 68.1490



128.0680, -53.2775, 55.1914



102.7610, -4.8122, -90.1214



114.9540, 59.6757, -100.8147

Rectangle

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



134.2930, 19.5756, 68.1490



128.2300, -21.8054, 87.4983



102.7610, -4.8122, -90.1214



114.5370, 35.2313, -100.4489

Sweetspot

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



134.2930, 19.5756, 68.1490



226.4020, 7.1968, 25.0804



112.3130, 49.1457, 10.2495



109.9510, 4.4612, 15.8290



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.



134.2930, 19.5756, 68.1490



142.4830, 28.3559, 98.6774



127.2250, -7.5059, 74.3477



100.2010, 1.8729, 5.9627



64.6950, 26.7724, 93.2295



16.2770, 6.7654, 23.4361

Inverse Universe

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



134.2930, 19.5756, 68.1490



142.4830, 28.3559, 98.6774



171.7750, 7.5059, -74.3477



100.2010, 1.8729, 5.9627



64.6950, 26.7724, 93.2295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 134.2930, 19.5756, 68.1490 looks on a white background.

Color Contrast Check

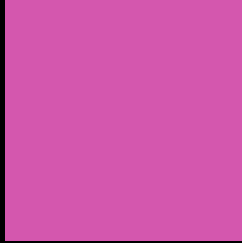
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.2930, 19.5756, 68.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

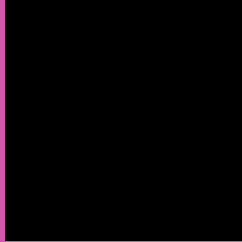
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.2930, 19.5756, 68.1490

Background



This preview shows how black text looks on a background with the YUV color 134.2930, 19.5756, 68.1490.



This preview shows how white text looks on a background with the YUV color 134.2930, 19.5756, 68.1490.

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

134.2930, 19.5756, 68.1490

Protanopia

133.3030, 37.3186, -23.0677

Deuteranopia

135.6910, 15.4353, -4.1140



Tritanopia

134.5950, -12.1253, 62.6222

Trichromacy



Original Color

134.2930, 19.5756, 68.1490



Protanomaly

133.7910, 30.6690, 9.8303



Deuteranomaly

135.3120, 17.1012, 21.6514



Tritanomaly

134.2930, -0.6374, 64.6410

Monochromacy



Original Color

134.2930, 19.5756, 68.1490



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1030, 7.3442, 24.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2930, 19.5756, 68.1490 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(212, 87, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 87, 174)  
}
```

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(212, 87, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 87, 174) }
```

Border

The CSS property to change the border of an element to YUV 134.2930, 19.5756, 68.1490 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(212, 87, 174) }
```


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

```
.border{ border-color:rgb(212, 87, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 87, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 87, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 87, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 87,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 134.2930, 19.5756, 68.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 87, 174) }
```

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

```
.background{ background-color: rgb(212, 87,  
174) }
```

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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