

Converting Colors

YUV(133.9510, 18.2652,
68.4490)

Have a look what the booklet for
YUV(133.9510, 18.2652, 68.4490)
contains.

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Color

**YUV(133.9510, 18.2652,
68.4490)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D457AB |
| RGB | 212, 87, 171 |
| RGB Percent | 83%, 34%, 67% |
| CMY | 0.1686, 0.6588, 0.3294 |
| CMYK | 0.00, 0.59, 0.19, 0.17 |
| HSL | 320°, 59%, 59% |
| HSV | 320°, 59%, 83% |
| XYZ | 37.9103, 23.7537, 41.1149 |
| YIQ | 133.9510, 47.5360, 52.6240 |

Conversions

Conversions Part 2

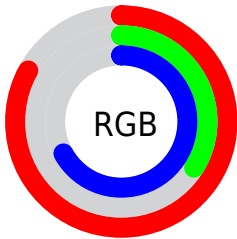
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 212, 87, 171 |
| Decimal | 13916075 |
| CIE Lab | 55.84, 58.40, -20.70 |
| CIE LCh | 56, 61.954, 340.485 |
| Yxy | 23.7537, 0.3689, 0.2311 |
| Android (android.graphics.Color) | 4292106155 (0xFFD457AB) |
| YUV | 133.9510, 18.2652, 68.4490 |
| Hunter-Lab | 48.7378, 53.5536, -15.9003 |

Details

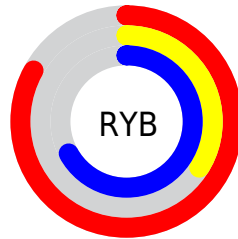
The YUV color **133.9510, 18.2652, 68.4490** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **165.0490, -18.2652, -68.4490**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9500, 19.7447, 60.5569**, and **74.2870, 22.0435, 69.9083** is the 20% darker color. If you saturate the color by 10%, you get **120.8260, 21.2848, 79.9596**, and if you desaturate by 10%, it is **147.0760, 15.2455, 56.9383**.

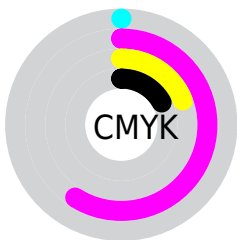
Distribution



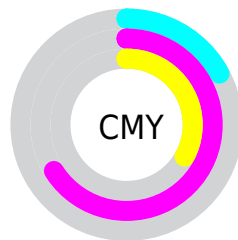
- Red (83%)
- Green (34%)
- Blue (67%)



- Red (83%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (59%)
- Yellow (19%)
- Black (17%)



- Cyan (17%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9510, 18.2652, 68.4490 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 133.9510, 18.2652, 68.4490 by changing the saturation by 10% instead.

133.9510, 18.2652,
68.4490

133.9510, 18.2652,
68.4490

255.0000, 0.0000,
0.0000

105.7660, 18.8494,
67.7342

185.9500, 19.7447,
60.5569

74.2870, 22.0435,
69.9083

205.6920, 24.3088,
43.2431

48.3900, 22.4857,
68.0640

222.1280, 16.2059,
28.8287

37.2820, 16.1300,
53.2497

239.1510, 7.8136,
13.8996

26.8860, 9.9162,
39.5650

16.7180, 4.5760,
25.6803

0.0000, 0.0000,

0.0000

■ 133.9510, 18.2652,
68.4490

■ 133.9510, 18.2652,
68.4490

■ 120.8260, 21.2848,
79.9596

■ 147.0760, 15.2455,
56.9383

■ 107.7010, 24.3044,
91.4702

■ 160.2010, 12.2259,
45.4277

■ 93.9890, 27.6134,
103.4956

■ 173.9130, 8.9169,
33.4023

■ 80.8640, 30.6330,
115.0063

■ 187.0380, 5.8973,
21.8917

■ 79.5760, 30.7750,
116.1358

■ 200.1630, 2.8776,
10.3810

■ 213.2880, -0.1420,
-1.1296

■ 226.4130, -3.1616,
-12.6402

■ 238.9510, -5.8918,
-23.6360

■ 239.7490, -2.8343,
-24.3359

Harmonies

Analogous

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



137.6210, 38.6408, 19.6264



133.9510, 18.2652, 68.4490



128.4810, -5.6601, 89.0322

Triad

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



133.9510, 18.2652, 68.4490



122.8770, -60.5784, 16.7709



115.3010, 43.2356, -101.1190

Complementary

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



133.9510, 18.2652, 68.4490



165.0490, -18.2652, -68.4490

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.



110.6610, 20.3801, -97.0497



133.9510, 18.2652, 68.4490



117.8830, -36.4243, -30.5924

Square

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



133.9510, 18.2652, 68.4490



127.7580, -53.1247, 52.8322



103.1030, -3.5018, -90.4213



114.2530, 59.5283, -100.1999

Rectangle

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



133.9510, 18.2652, 68.4490



128.5780, -22.9630, 85.4391



103.1030, -3.5018, -90.4213



114.0640, 35.9574, -100.0341

Sweetspot

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



133.9510, 18.2652, 68.4490



226.2880, 6.7600, 25.1804



113.2100, 48.7035, 12.0938



109.8370, 4.0244, 15.9290



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.



133.9510, 18.2652, 68.4490



142.0270, 26.6087, 99.0773



126.9970, -8.3795, 74.5476



100.2010, 1.8729, 5.9627



64.2390, 25.0252, 93.6294



16.1630, 6.3286, 23.5360

Inverse Universe

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



133.9510, 18.2652, 68.4490



142.0270, 26.6087, 99.0773



172.0030, 8.3795, -74.5476



100.2010, 1.8729, 5.9627



64.2390, 25.0252, 93.6294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 133.9510, 18.2652, 68.4490 looks on a white background.

Color Contrast Check

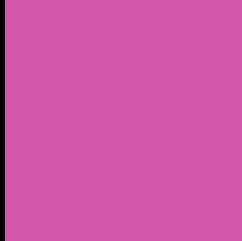
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9510, 18.2652, 68.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

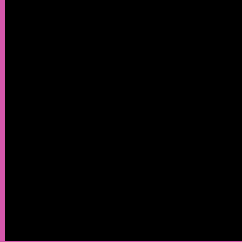
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9510, 18.2652, 68.4490

Background



This preview shows how black text looks on a background with the YUV color 133.9510, 18.2652, 68.4490.



This preview shows how white text looks on a background with the YUV color 133.9510, 18.2652, 68.4490.

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

133.9510, 18.2652, 68.4490

Protanopia

133.1460, 35.4240, -22.0530

Deuteranopia

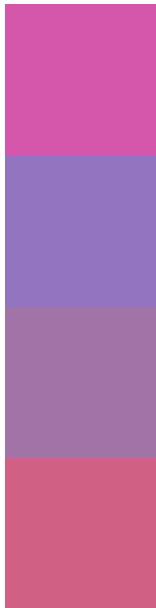
135.0610, 14.2669, -2.6845



Tritanopia

133.8940, -12.2727, 63.2370

Trichromacy



Original Color

133.9510, 18.2652, 68.4490

Protanomaly

133.7480, 29.2112, 10.7450

Deuteranomaly

134.6820, 15.9328, 23.0809

Tritanomaly

134.1790, -1.0742, 64.7410

Monochromacy



Original Color

133.9510, 18.2652, 68.4490

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8750, 6.4706, 24.6656

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9510, 18.2652, 68.4490 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(212, 87, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 87, 171) }
```

Border

The CSS property to change the border of an element to YUV 133.9510, 18.2652, 68.4490 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, 171) }
```


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

```
.border{ border-color:rgb(212, 87, 171) }
```

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, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 87,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 133.9510, 18.2652, 68.4490 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, 171) }
```

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

```
.background{ background-color: rgb(212, 87,  
171) }
```

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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