

Converting Colors

YUV(134.8450, 18.8104,
33.4619)

Have a look what the booklet for
YUV(134.8450, 18.8104, 33.4619)
contains.

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Color

**YUV(134.8450, 18.8104,
33.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6CAD
RGB	173, 108, 173
RGB Percent	68%, 42%, 68%
CMY	0.3216, 0.5765, 0.3216
CMYK	0.00, 0.38, 0.00, 0.32
HSL	300°, 28%, 55%
HSV	300°, 38%, 68%
XYZ	30.1390, 22.6265, 42.3140
YIQ	134.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

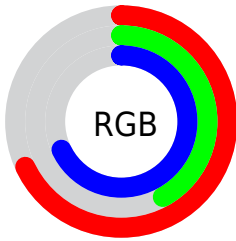
Format	Color
R _Y B	173, 108, 173
Decimal	11365549
CIE Lab	54.69, 36.28, -24.08
CIE LCh	55, 43.542, 326.427
Yxy	22.6265, 0.3170, 0.2380
Android (android.graphics.Color)	4289555629 (0xFFAD6CAD)
YUV	134.8450, 18.8104, 33.4619
Hunter-Lab	47.5673, 29.8560, -19.4449

Details

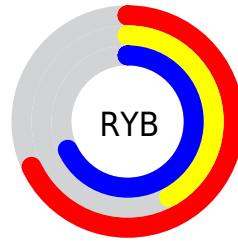
The YUV color **134.8450, 18.8104, 33.4619** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.1550, -18.8104, -33.4619**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3830, 19.5312, 35.6211**, and **83.3070, 18.0896, 31.3028** is the 20% darker color. If you saturate the color by 10%, you get **124.8660, 23.7301, 42.2135**, and if you desaturate by 10%, it is **144.8240, 13.8908, 24.7104**.

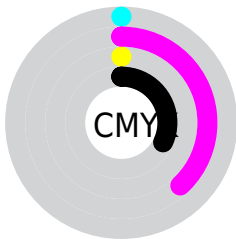
Distribution



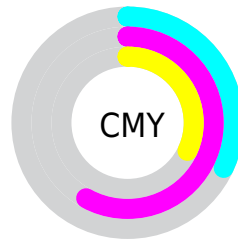
- Red (68%)
- Green (42%)
- Blue (68%)



- Red (68%)
- Yellow (42%)
- Blue (68%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (32%)



- Cyan (32%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8450, 18.8104, 33.4619 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 134.8450, 18.8104, 33.4619 by changing the saturation by 10% instead.

134.8450, 18.8104,
33.4619

134.8450, 18.8104,
33.4619

255.0000, 0.0000,
0.0000

109.0190, 18.2316,
32.4323

189.3830, 19.5312,
35.6211

83.3070, 18.0896,
31.3028

215.6710, 19.3892,
34.4915

58.5950, 17.9477,
30.1732

232.1070, 11.2862,
20.0772

32.5350, 18.9632,
31.1028

249.1300, 2.8939,
5.1480

19.0410, 14.7698,
22.7660

7.8620, 9.4350,
7.1370

0.0000, 0.0000,

0.0000

■ 134.8450, 18.8104,
33.4619

■ 134.8450, 18.8104,
33.4619

■ 124.8660, 23.7301,
42.2135

■ 144.8240, 13.8908,
24.7104

■ 114.3000, 28.9391,
51.4799

■ 155.3900, 8.6817,
15.4440

■ 104.3210, 33.8587,
60.2315

■ 165.3690, 3.7621,
6.6924

■ 94.3420, 38.7784,
68.9831

■ 175.3480, -1.1576,
-2.0592

■ 84.3630, 43.6980,
77.7346

■ 185.9140, -6.3666,
-11.3256

■ 73.7970, 48.9071,
87.0010

■ 195.8930,
-11.2862, -20.0772

71.4490, 50.0646,
89.0602

205.8720,
-16.2059, -28.8287

215.8510,
-21.1255, -37.5803

221.1340,
-23.7301, -42.2135

Harmonies

Analogous

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



132.4470, 32.3176, -5.6540



134.8450, 18.8104, 33.4619



132.6340, 2.1524, 56.4490

Triad

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



134.8450, 18.8104, 33.4619



127.5340, -36.7453, 25.8417



106.0450, 28.0788, -93.0015

Complementary

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



134.8450, 18.8104, 33.4619



146.1550, -18.8104, -33.4619

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.



101.7130, 11.4805, -89.2023



134.8450, 18.8104, 33.4619



124.0140, -31.5589, -4.3973

Square

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



134.8450, 18.8104, 33.4619



129.5120, -29.8324, 48.6630



117.2620, -14.4262, -39.6948



107.1170, 42.3403, -93.9416

Rectangle

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



134.8450, 18.8104, 33.4619



131.2790, -9.5045, 62.0223



117.2620, -14.4262, -39.6948



105.2640, 22.5478, -92.3165

Sweetspot

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



134.8450, 18.8104, 33.4619



209.9120, 6.9454, 12.3552



115.4100, 28.3919, -6.4986



103.7820, 4.0515, 7.2072



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.8450, 18.8104, 33.4619



164.7130, 29.2285, 51.9947



131.1970, 4.8329, 36.6612



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Inverse Universe

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



134.8450, 18.8104, 33.4619



164.7130, 29.2285, 51.9947



149.9170, -4.3961, -36.7612



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 134.8450, 18.8104, 33.4619 looks on a white background.

Color Contrast Check

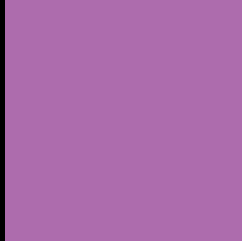
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8450, 18.8104, 33.4619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

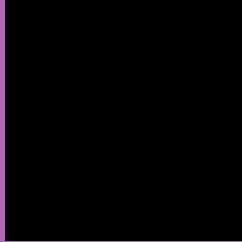
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.8450, 18.8104, 33.4619

Background



This preview shows how black text looks on a background with the YUV color 134.8450, 18.8104, 33.4619.



This preview shows how white text looks on a background with the YUV color 134.8450, 18.8104,

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

134.8450, 18.8104, 33.4619

Protanopia

130.7570, 28.7138, -16.4499

Deuteranopia

132.0650, 18.2090, -7.0730



Tritanopia

133.6770, -3.2918, 29.2243

Trichromacy



Original Color

134.8450, 18.8104, 33.4619

Protanomaly

131.9550, 25.1652, 1.7935

Deuteranomaly

132.8650, 18.3076, 8.0114

Tritanomaly

133.8650, 4.9966, 30.8134

Monochromacy



Original Color

134.8450, 18.8104, 33.4619

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9120, 6.9454, 12.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8450, 18.8104, 33.4619 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(173, 108, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 108, 173)  
}
```

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(173, 108, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 108, 173) }
```

Border

The CSS property to change the border of an element to YUV 134.8450, 18.8104, 33.4619 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(173, 108, 173) }
```


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

```
.border{ border-color:rgb(173, 108, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 108, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 108, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 108, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 108,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 134.8450, 18.8104, 33.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 108, 173) }
```

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

```
.background{ background-color: rgb(173,  
108, 173) }
```

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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