

Converting Colors

YUV(218.9330, 8.4140, 7.9518)

Have a look what the booklet for
YUV(218.9330, 8.4140, 7.9518)
contains.

YUV(218.9330, 8.4140, 7.9518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(218.9330, 8.4140,
7.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D3EC
RGB	228, 211, 236
RGB Percent	89%, 83%, 93%
CMY	0.1059, 0.1725, 0.0745
CMYK	0.03, 0.11, 0.00, 0.07
HSL	281°, 40%, 88%
HSV	281°, 11%, 93%
XYZ	70.4295, 69.1386, 88.9899
YIQ	218.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

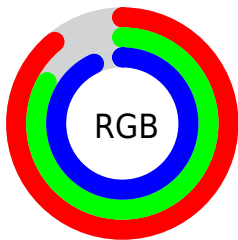
Format	Color
R _Y B	228, 211, 236
Decimal	14996460
CIE Lab	86.57, 10.33, -10.14
CIE LCh	87, 14.478, 315.528
Yxy	69.1386, 0.3081, 0.3025
Android (android.graphics.Color)	4293186540 (0xFFE4D3EC)
YUV	218.9330, 8.4140, 7.9518
Hunter-Lab	83.1496, 5.6814, -5.2497

Details

The YUV color `218.9330, 8.4140, 7.9518` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `228.0670, -8.4140, -7.9518`, and the grayscale version is `219.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `163.8190, 7.9772, 8.0517` is the 20% darker color. If you saturate the color by 10%, you get `202.4530, 16.5387, 15.3887`, and if you desaturate by 10%, it is `235.4130, 0.2894, 0.5148`.

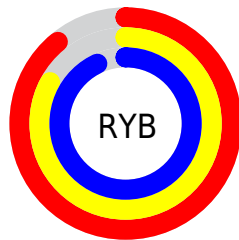
Distribution



Red (89%)

Green (83%)

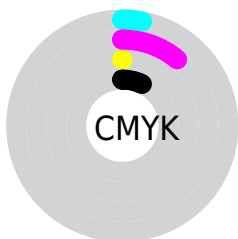
Blue (93%)



Red (89%)

Yellow (83%)

Blue (93%)

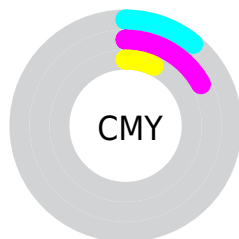


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9330, 8.4140, 7.9518 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 218.9330, 8.4140, 7.9518 by changing the saturation by 10% instead.

218.9330, 8.4140,
7.9518

218.9330, 8.4140,
7.9518

255.0000, 0.0000,
0.0000

190.9330, 8.4140,
7.9518

163.8190, 7.9772,
8.0517

137.4060, 7.6878,
7.5369

111.9930, 7.3985,
7.0221

87.5800, 7.1091,
6.5073

64.1670, 6.8197,
5.9925

42.0530, 6.3829,

6.0925

■ 21.6400, 6.0935,
5.5777

■ 1.1400, 4.3680,
-0.9998

■ 218.9330, 8.4140,
7.9518

■ 218.9330, 8.4140,
7.9518

■ 202.4530, 16.5387,
15.3887

■ 235.4130, 0.2894,
0.5148

■ 186.8590, 24.2265,
22.9257

■ 249.2460, -6.5303,
-5.4777

■ 170.3790, 32.3512,
30.3626

■ 251.6380, -7.7095,
-0.5595

■ 154.7850, 40.0390,
37.8996

■ 252.8340, -8.2992,
1.8996

■ 138.3050, 48.1636,
45.3365

■ 122.1240, 56.1409,
53.3883

■ 106.2310, 63.9761,
60.3104

■ 90.0500, 71.9534,
68.3621

■ 74.7440, 79.4992,
74.7695

Harmonies

Analogous

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



216.9960, 12.8200, -5.2585



218.9330, 8.4140, 7.9518



219.6910, 2.1243, 18.6880

Triad

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



218.9330, 8.4140, 7.9518



216.6570, -13.1419, 15.2098



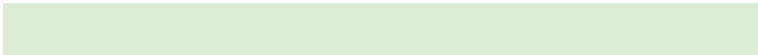
212.2140, 5.3175, -25.6207

Complementary

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



218.9330, 8.4140, 7.9518



228.0670, -8.4140, -7.9518

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.



212.1240, -1.5401, -19.4027



218.9330, 8.4140, 7.9518



215.4060, -12.5252, 4.0289

Square

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



218.9330, 8.4140, 7.9518



218.7980, -10.2534, 22.1022



213.7680, -8.2666, -8.5665



212.8210, 11.4272, -25.2760

Rectangle

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



218.9330, 8.4140, 7.9518



219.2740, -2.1071, 22.5617



213.7680, -8.2666, -8.5665



212.0570, 3.4229, -24.6060

Sweetspot

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



218.9330, 8.4140, 7.9518



249.7060, 2.6099, 2.8888



218.5460, 8.6048, -6.6178



123.8800, 2.0312, 1.8592



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.



218.9330, 8.4140, 7.9518



232.3400, 11.1714, 10.2258



220.8690, 5.4876, 13.2699



109.6460, 3.6255, 3.8185



57.4110, 60.9294, 57.5216



16.9200, 18.2804, 16.7332

Inverse Universe

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



219.3870, -0.1908, 14.5696



233.0070, -0.4965, 19.2879



226.1310, -5.4876, -13.2699



109.6310, -0.3111, 6.4626



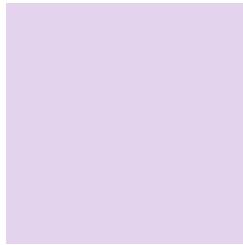
60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 218.9330, 8.4140, 7.9518 looks on a white background.

Color Contrast Check

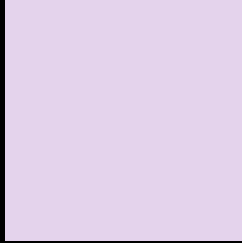
Large Text (above 18pt) WCAG AA × Fail

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 218.9330, 8.4140, 7.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

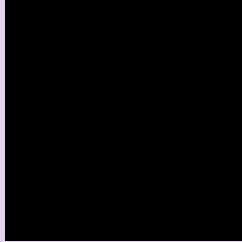
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.9330, 8.4140, 7.9518

Background



This preview shows how black text looks on a background with the YUV color 218.9330, 8.4140, 7.9518.



This preview shows how white text looks on a background with the YUV color 218.9330, 8.4140,

7.9518.

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

218.9330, 8.4140, 7.9518

Protanopia

217.4370, 10.6306, -3.0142

Deuteranopia

219.2320, 8.2666, 8.5665



Tritanopia

218.4230, 5.2145, 7.5220

Trichromacy



Original Color

218.9330, 8.4140, 7.9518

Protanomaly

218.2310, 9.7461, 0.6744

Deuteranomaly

219.2320, 8.2666, 8.5665

Tritanomaly

218.7650, 6.5249, 7.2221

Monochromacy



Original Color

218.9330, 8.4140, 7.9518

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9330, 8.4140, 7.9518 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(228, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 236)  
}
```

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(228, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 236) }
```

Border

The CSS property to change the border of an element to YUV 218.9330, 8.4140, 7.9518 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(228, 211, 236) }
```


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

```
.border{ border-color:rgb(228, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 218.9330, 8.4140, 7.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 236) }
```

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

```
.background{ background-color: rgb(228,  
211, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor