

# Converting Colors

YUV(214.8550, 16.8335,  
14.1592)

Have a look what the booklet for  
YUV(214.8550, 16.8335, 14.1592)  
contains.

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# Color

**YUV(214.8550, 16.8335,  
14.1592)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C8F9
RGB	231, 200, 249
RGB Percent	91%, 78%, 98%
CMY	0.0941, 0.2157, 0.0235
CMYK	0.07, 0.20, 0.00, 0.02
HSL	278°, 80%, 88%
HSV	278°, 20%, 98%
XYZ	70.7082, 65.1370, 98.4685
YIQ	214.8550, 2.7470, 21.8110

# Conversions

## Conversions Part 2

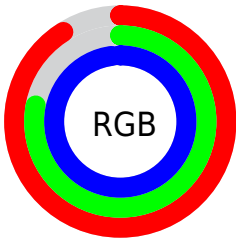
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 200, 249
Decimal	15190265
CIE Lab	84.55, 19.63, -20.04
CIE LCh	85, 28.050, 314.405
Yxy	65.1370, 0.3018, 0.2780
Android (android.graphics.Color)	4293380345 (0xFFE7C8F9)
YUV	214.8550, 16.8335, 14.1592
Hunter-Lab	80.7075, 15.1464, -15.8425

# Details

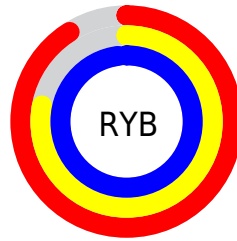
The YUV color  $214.8550, 16.8335, 14.1592$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $234.1450, -16.8335, -14.1592$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $159.9150, 15.8179, 13.2295$  is the 20% darker color. If you saturate the color by 10%, you get  $197.4890, 25.3949, 21.4961$ , and if you desaturate by 10%, it is  $232.2210, 8.2720, 6.8222$ .

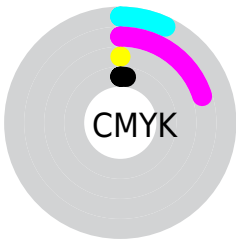
# Distribution



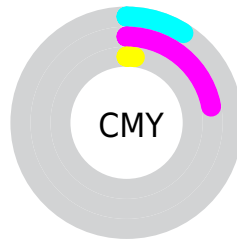
- Red (91%)
- Green (78%)
- Blue (98%)



- Red (91%)
- Yellow (78%)
- Blue (98%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (22%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.8550, 16.8335, 14.1592 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 214.8550, 16.8335, 14.1592 by changing the saturation by 10% instead.



■ 214.8550, 16.8335,  
14.1592

■ 214.8550, 16.8335,  
14.1592

255.0000, 0.0000,  
0.0000

■ 187.3280, 16.1073,  
13.7443

■ 159.9150, 15.8179,  
13.2295

■ 133.5020, 15.5285,  
12.7147

■ 108.0890, 15.2391,  
12.1999

■ 83.5620, 14.5129,  
11.7851

■ 60.1490, 14.2235,  
11.2703

■ 37.9100, 13.3554,

9.7259

■ 15.6220, 13.4974,  
10.8555

■ 3.0950, 9.3202,  
-2.7143

■ 214.8550, 16.8335,  
14.1592

■ 214.8550, 16.8335,  
14.1592

■ 197.4890, 25.3949,  
21.4961

■ 232.2210, 8.2720,  
6.8222

■ 180.1230, 33.9564,  
28.8331

■ 249.5870, -0.2894,  
-0.5148

■ 162.7570, 42.5178,  
36.1701

■ 254.3160, -2.6208,  
0.5999

■ 145.0920, 51.2266,  
42.8923

■ 128.3130, 59.4987,  
49.7145

■ 110.9470, 68.0601,  
57.0515

■ 93.5810, 76.6216,  
64.3885

■ 76.2150, 85.1830,  
71.7254

■ 75.6280, 85.4724,  
72.2402

# Harmonies

## Analogous

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



210.6560, 21.8616, -11.9763



214.8550, 16.8335, 14.1592



215.3000, 5.2751, 34.8169

# Triad

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



214.8550, 16.8335, 14.1592



211.3460, -24.8206, 27.7606



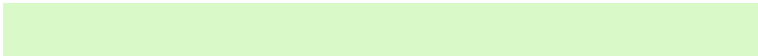
199.3460, 11.6614, -53.8004

# Complementary

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



214.8550, 16.8335, 14.1592



234.1450, -16.8335, -14.1592

# 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.



201.6610, -2.7909, -38.2907



214.8550, 16.8335, 14.1592



208.4530, -23.8873, 8.3727

# Square

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



214.8550, 16.8335, 14.1592



211.8340, -18.1592, 37.8566



205.6610, -16.1019, -15.4887



200.6090, 22.8708, -55.7851



# Rectangle

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



214.8550, 16.8335, 14.1592



212.6610, -2.2979, 37.1313



205.6610, -16.1019, -15.4887



199.8150, 6.9932, -49.8268

# Sweetspot

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



214.8550, 16.8335, 14.1592



244.4010, 5.2253, 4.0333



216.7390, 15.9047, -14.6801



121.5210, 3.1941, 2.1741



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.



214.8550, 16.8335, 14.1592



212.6150, 20.8958, 17.8776



219.5530, 11.5594, 25.8250



115.8740, 4.4991, 3.6185



57.1270, 65.0134, 54.2626



18.6150, 20.8958, 17.8776



# Inverse Universe

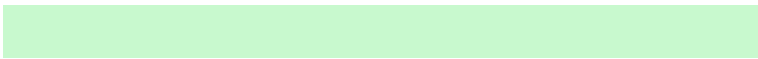
The Inverse Universe completely reimagines the original color for something new.



216.7030, 0.6394, 28.3245



214.7470, 0.6177, 35.3019



229.4470, -11.5594, -25.8250



116.4570, 0.2677, 7.4922



64.3770, 2.2791, 109.2944



20.7470, 0.6177, 35.3019



# Previews

## White Background



This preview shows how the YUV color 214.8550, 16.8335, 14.1592 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

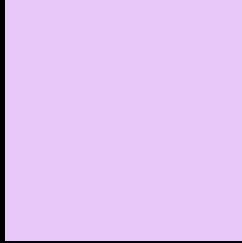
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.8550, 16.8335, 14.1592 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 214.8550, 16.8335, 14.1592 Background



This preview shows how black text looks on a background with the YUV color 214.8550, 16.8335, 14.1592.



This preview shows how white text looks on a background with the YUV color 214.8550, 16.8335, 14.1592.



# 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

214.8550, 16.8335, 14.1592

### Protanopia

211.8520, 21.2720, -9.5172

### Deuteranopia

213.1800, 17.1663, 0.7191



## Tritanopia

213.4020, 3.7458, 11.9254

# Trichromacy



## Original Color

214.8550, 16.8335, 14.1592

## Protanomaly

213.1520, 19.6451, -1.0103

## Deuteranomaly

213.8000, 16.8606, 5.4374

## Tritanomaly

213.6670, 8.5452, 12.5700

# Monochromacy



## Original Color

214.8550, 16.8335, 14.1592

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

215.2270, 5.8041, 5.0629

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.8550, 16.8335, 14.1592 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(231, 200, 249)` looks like.

```
.text, #text, p{  
    color:rgb(231, 200, 249)  
}
```

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(231, 200, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 200, 249) }
```

## Border

The CSS property to change the border of an element to YUV 214.8550, 16.8335, 14.1592 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(231, 200, 249) }
```



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

```
.border{ border-color:rgb(231, 200, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 200, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 200, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 200, 249);  
box-shadow:4px 4px 4px 4px rgb(231, 200,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 214.8550, 16.8335, 14.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 200, 249) }
```

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

```
.background{ background-color: rgb(231,  
200, 249) }
```

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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