

# Converting Colors

YUV(214.9830, 5.9244, 13.1699)

Have a look what the booklet for  
YUV(214.9830, 5.9244, 13.1699)  
contains.

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# Color

**YUV(214.9830, 5.9244,  
13.1699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6CDE3
RGB	230, 205, 227
RGB Percent	90%, 80%, 89%
CMY	0.0980, 0.1961, 0.1098
CMYK	0.00, 0.11, 0.01, 0.10
HSL	307°, 33%, 85%
HSV	307°, 11%, 90%
XYZ	68.3296, 66.0317, 81.8171
YIQ	214.9830, 7.8380, 12.1420

# Conversions

## Conversions Part 2

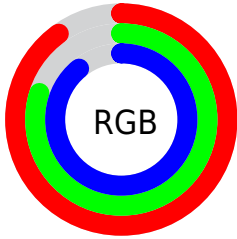
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 205, 227
Decimal	15125987
CIE <sub>Lab</sub>	85.01, 12.51, -7.67
CIE <sub>LCh</sub>	85, 14.676, 328.504
Yxy	66.0317, 0.3161, 0.3055
Android (android.graphics.Color)	4293316067 (0xFFE6CDE3)
YUV	214.9830, 5.9244, 13.1699
Hunter-Lab	81.2599, 7.8918, -2.8146

# Details

The YUV color `214.9830, 5.9244, 13.1699` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `220.0170, -5.9244, -13.1699`, 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 `160.2710, 5.7824, 12.0403` is the 20% darker color. If you saturate the color by 10%, you get `201.1400, 11.2700, 25.3102`, and if you desaturate by 10%, it is `228.8260, 0.5788, 1.0296`.

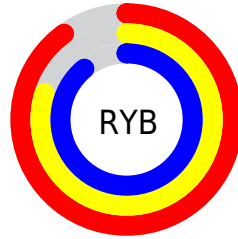
# Distribution



Red (90%)

Green (80%)

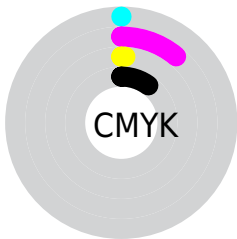
Blue (89%)



Red (90%)

Yellow (80%)

Blue (89%)

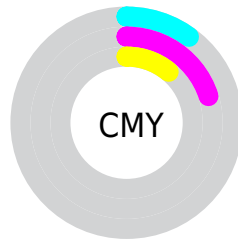


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.9830, 5.9244, 13.1699 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 214.9830, 5.9244, 13.1699 by changing the saturation by 10% instead.



■ 214.9830, 5.9244,  
13.1699

■ 214.9830, 5.9244,  
13.1699

255.0000, 0.0000,  
0.0000

■ 187.5700, 5.6350,  
12.6551

■ 160.2710, 5.7824,  
12.0403

■ 134.1570, 5.3456,  
12.1403

■ 108.7440, 5.0562,  
11.6255

■ 84.4450, 5.2036,  
11.0107

■ 61.0320, 4.9142,  
10.4959

■ 39.3200, 4.7722,

9.3664

■ 17.4450, 5.2036,  
11.0107

■ 0.0000, 0.0000,  
0.0000

■ 214.9830, 5.9244,  
13.1699

■ 214.9830, 5.9244,  
13.1699

■ 201.1400, 11.2700,  
25.3102

■ 228.8260, 0.5788,  
1.0296

■ 187.2970, 16.6156,  
37.4505

■ 242.6690, -4.7668,  
-11.1107

■ 173.5680, 22.3980,  
49.4909

■ 245.2450, -5.0508,  
-13.3699

■ 159.7250, 27.7436,  
61.6312

■ 245.5870, -3.7404,  
-13.6698

145.8820, 33.0892,  
73.7715

245.9290, -2.4300,  
-13.9697

132.0390, 38.4348,  
85.9118

246.2710, -1.1196,  
-14.2697

118.3100, 44.2172,  
97.9521

246.4990, -0.2460,  
-14.4696

104.4670, 49.5628,  
110.0924

246.8410, 1.0644,  
-14.7696

91.7980, 54.3296,  
121.2032

247.1830, 2.3748,  
-15.0695

# Harmonies

## Analogous

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



213.6870, 11.4933, 0.2745



214.9830, 5.9244, 13.1699



215.2030, -1.0861, 21.7470

# Triad

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



214.9830, 5.9244, 13.1699



211.9230, -13.2730, 10.5915



207.7130, 8.5225, -26.9353

# Complementary

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



214.9830, 5.9244, 13.1699



220.0170, -5.9244, -13.1699

# 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.



207.9000, 1.5283, -23.5913



214.9830, 5.9244, 13.1699



210.1280, -10.9091, -0.9893

# Square

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



214.9830, 5.9244, 13.1699



213.6190, -12.1372, 19.6281



208.7180, -5.7770, -13.7847



209.4730, 12.5848, -23.2168



# Rectangle

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



214.9830, 5.9244, 13.1699



214.7750, -5.3121, 23.8763



208.7180, -5.7770, -13.7847



207.2570, 6.7753, -26.5354

# Sweetspot

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



214.9830, 5.9244, 13.1699



250.1900, 1.8783, 4.2184



208.7470, 10.4777, -0.6551



124.3640, 1.2995, 3.1888



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.



214.9830, 5.9244, 13.1699



235.1730, 7.8027, 17.3883



213.6150, 0.6828, 14.3696



107.7280, 2.5991, 6.3775



71.4190, 42.1914, 94.3485



20.3790, 12.1382, 26.8546



# Inverse Universe

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



214.9830, 5.9244, 13.1699



235.1730, 7.8027, 17.3883



221.3850, -0.6828, -14.3696



107.7280, 2.5991, 6.3775



71.4190, 42.1914, 94.3485

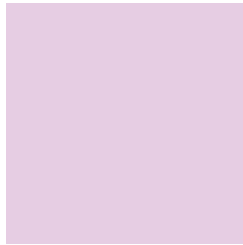


20.3790, 12.1382, 26.8546



# Previews

## White Background



This preview shows how the YUV color 214.9830, 5.9244, 13.1699 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

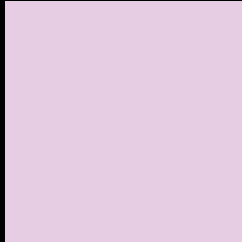
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.9830, 5.9244, 13.1699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

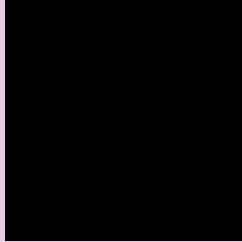
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 214.9830, 5.9244, 13.1699

## Background



This preview shows how black text looks on a background with the YUV color 214.9830, 5.9244, 13.1699.



This preview shows how white text looks on a background with the YUV color 214.9830, 5.9244,



# 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

214.9830, 5.9244, 13.1699

### Protanopia

213.2800, 8.7360, -1.9996

### Deuteranopia

214.3740, 6.2246, 10.1960



## Tritanopia

214.7010, 3.5984, 12.5402

# Trichromacy



## Original Color

214.9830, 5.9244, 13.1699

## Protanomaly

214.0850, 7.8461, 3.4335

## Deuteranomaly

214.6730, 6.0772, 10.8108

## Tritanomaly

214.9290, 4.4720, 12.3403

# Monochromacy



## Original Color

214.9830, 5.9244, 13.1699

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

214.6030, 2.1677, 4.7332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.9830, 5.9244, 13.1699 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(230, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 227)  
}
```

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(230, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 227) }
```

## Border

The CSS property to change the border of an element to YUV 214.9830, 5.9244, 13.1699 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(230, 205, 227) }
```



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

```
.border{ border-color:rgb(230, 205, 227) }
```

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

Here you see how a box with a 4 pixel rgb(230, 205, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 214.9830, 5.9244, 13.1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 227) }
```

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

```
.background{ background-color: rgb(230,  
205, 227) }
```

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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