

# Converting Colors

YUV(218.8970, -0.4422, 1.8443)

Have a look what the booklet for  
YUV(218.8970, -0.4422, 1.8443)  
contains.

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# Color

**YUV(218.8970, -0.4422,  
1.8443)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDDADA
RGB	221, 218, 218
RGB Percent	87%, 85%, 85%
CMY	0.1333, 0.1451, 0.1451
CMYK	0.00, 0.01, 0.01, 0.13
HSL	0°, 4%, 86%
HSV	0°, 1%, 87%
XYZ	67.5451, 70.5769, 76.3924
YIQ	218.8970, 1.7880, 0.6360

# Conversions

## Conversions Part 2

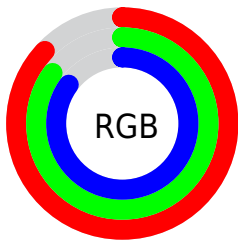
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 218, 218
Decimal	14539482
CIE Lab	87.28, 1.02, 0.35
CIE LCh	87, 1.082, 18.939
Yxy	70.5769, 0.3149, 0.3290
Android (android.graphics.Color)	4292729562 (0xFFDDDADA)
YUV	218.8970, -0.4422, 1.8443
Hunter-Lab	84.0101, -3.5015, 4.8932

# Details

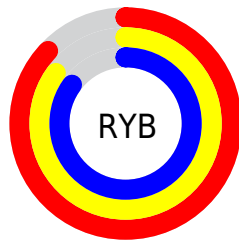
The YUV color  $218.8970, -0.4422, 1.8443$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $220.1030, 0.4422, -1.8443$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $163.8970, -0.4422, 1.8443$  is the 20% darker color. If you saturate the color by 10%, you get  $203.4750, -3.6852, 15.3694$ , and if you desaturate by 10%, it is  $234.3190, 2.8007, -11.6808$ .

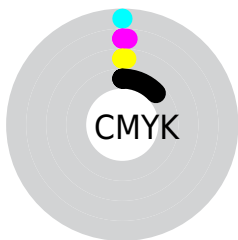
# Distribution



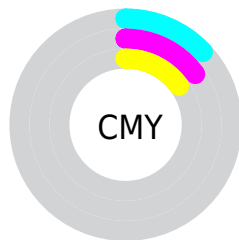
- Red (87%)
- Green (85%)
- Blue (85%)



- Red (87%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.8970, -0.4422, 1.8443 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 218.8970, -0.4422, 1.8443 by changing the saturation by 10% instead.



■ 218.8970, -0.4422,  
1.8443

■ 218.8970, -0.4422,  
1.8443

255.0000, 0.0000,  
0.0000

■ 190.8970, -0.4422,  
1.8443

■ 163.8970, -0.4422,  
1.8443

■ 137.8970, -0.4422,  
1.8443

■ 112.5980, -0.2948,  
1.2296

■ 87.8970, -0.4422,  
1.8443

■ 64.5980, -0.2948,  
1.2296

■ 42.5980, -0.2948,

1.2296

■ 22.5980, -0.2948,  
1.2296

■ 0.0000, 0.0000,  
0.0000

■ 218.8970, -0.4422,  
1.8443

■ 218.8970, -0.4422,  
1.8443

■ 203.4750, -3.6852,  
15.3694

■ 234.3190, 2.8007,  
-11.6808

■ 188.0530, -6.9281,  
28.8945

■ 244.8340, 5.0118,  
-20.9024

■ 172.6310,  
-10.1711, 42.4196

■ 157.2090,  
-13.4140, 55.9447

■ 141.0860,  
-16.8044, 70.0846

■ 125.6640,  
-20.0474, 83.6097

■ 110.2420,  
-23.2903, 97.1348

■ 94.8200, -26.5333,  
110.6599

■ 79.3980, -29.7762,  
124.1850

# Harmonies

## Analogous

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



219.0110, -0.0054, 1.7444



218.8970, -0.4422, 1.8443



218.7830, -0.8790, 1.9443

# Triad

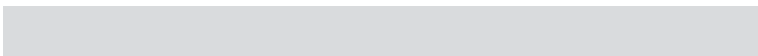
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.8970, -0.4422, 1.8443



218.4730, -0.7262, -0.4148



218.6300, 1.1684, -1.4295

# Complementary

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



218.8970, -0.4422, 1.8443



220.1030, 0.4422, -1.8443

# 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.



218.2170, 0.8790, -1.9443



218.8970, -0.4422, 1.8443



218.2880, -0.1420, -1.1296

# Square

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



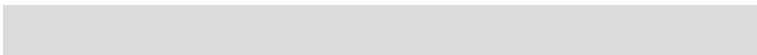
218.8970, -0.4422, 1.8443



218.7720, -0.8736, 0.2000



218.1030, 0.4422, -1.8443



218.9290, 1.0210, -0.8147



# Rectangle

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



218.8970, -0.4422, 1.8443



218.4840, -0.7316, 1.3295



218.1030, 0.4422, -1.8443



218.6300, 1.1684, -1.4295

# Sweetspot

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



218.8970, -0.4422, 1.8443

255.0000, 0.0000, 0.0000



219.2390, 0.8682, 1.5444



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

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



218.8970, -0.4422, 1.8443



251.4950, -0.7370, 3.0739



219.4840, -0.7316, 1.3295



107.8970, -0.4422, 1.8443



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797



# Inverse Universe

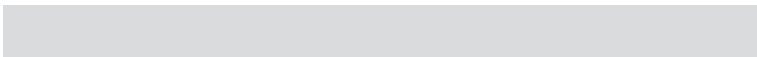
The Inverse Universe completely reimagines the original color for something new.



220.1030, 0.4422, -1.8443



253.5050, 0.7370, -3.0739



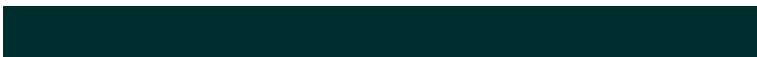
218.9290, 1.0210, -0.8147



109.1030, 0.4422, -1.8443



121.2730, 25.5014, -106.3564

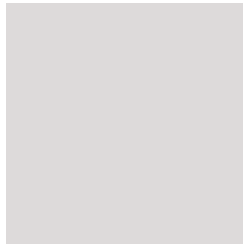


32.2460, 6.7807, -28.2797



# Previews

## White Background



This preview shows how the YUV color 218.8970, -0.4422, 1.8443 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 218.8970, -0.4422, 1.8443 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

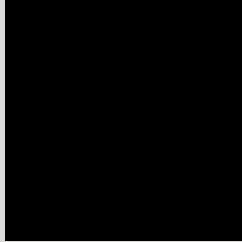
Any Text WCAG AAA ✓ Pass

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

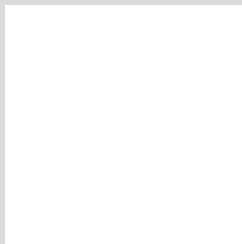


# YUV 218.8970, -0.4422, 1.8443

## Background



This preview shows how black text looks on a background with the YUV color 218.8970, -0.4422, 1.8443.



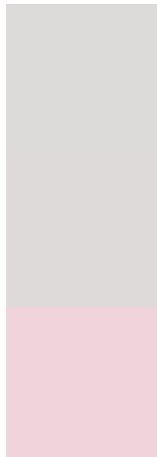
This preview shows how white text looks on a background with the YUV color 218.8970, -0.4422, 1.8443.

1.8443.

# 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

218.8970, -0.4422, 1.8443

### Protanopia

219.4950, -0.7370, 3.0739

### Deuteranopia

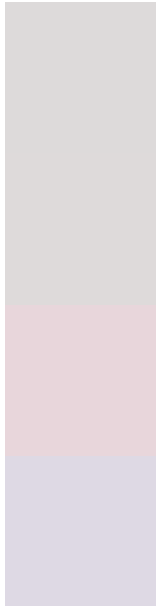
220.8710, -0.9224, 15.8991



## Tritanopia

220.0310, 6.3937, 2.6038

# Trichromacy



## Original Color

218.8970, -0.4422, 1.8443

## Protanomaly

219.1960, -0.5896, 2.4591

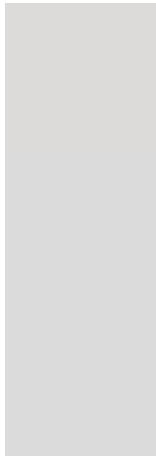
## Deuteranomaly

219.9520, -0.4693, 10.5661

## Tritanomaly

219.7490, 4.0677, 1.9741

# Monochromacy



## Original Color

218.8970, -0.4422, 1.8443

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.2990, -0.1474, 0.6148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.8970, -0.4422, 1.8443 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(221, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 218)  
}
```

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(221, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 218) }
```

## Border

The CSS property to change the border of an element to YUV 218.8970, -0.4422, 1.8443 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(221, 218, 218) }
```

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

```
.border{ border-color:rgb(221, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
218) }
```



# Background

The CSS property to change the background color of an element to YUV 218.8970, -0.4422, 1.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 218) }
```

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

```
.background{ background-color: rgb(221,  
218, 218) }
```

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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