

# Converting Colors

YUV(219.7570, -4.8102, 2.8441)

Have a look what the booklet for  
YUV(219.7570, -4.8102, 2.8441)  
contains.

<b>YUV(219.7570, -4.8102, 2.8441)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(219.7570, -4.8102,  
2.8441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFDCD2
RGB	223, 220, 210
RGB Percent	87%, 86%, 82%
CMY	0.1255, 0.1373, 0.1765
CMYK	0.00, 0.01, 0.06, 0.13
HSL	46°, 17%, 85%
HSV	46°, 6%, 87%
XYZ	67.6575, 71.5275, 71.2130
YIQ	219.7570, 4.9980, -2.4740

# Conversions

## Conversions Part 2

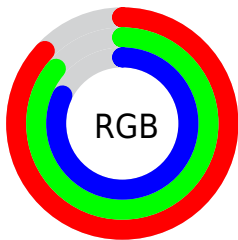
Format	Color
<a href="#">RYB</a>	<a href="#">214, 223, 210</a>
Decimal	<a href="#">14671058</a>
CIELab	<a href="#">87.74, -0.72, 5.26</a>
CIELCh	<a href="#">88, 5.307, 97.783</a>
Yxy	<a href="#">71.5275, 0.3216, 0.3400</a>
Android (android.graphics.Color)	<a href="#">4292861138</a> ( <a href="#">0xFFDFDCD2</a> )
YUV	<a href="#">219.7570, -4.8102, 2.8441</a>
Hunter-Lab	<a href="#">84.5739, -5.2079, 9.2783</a>

# Details

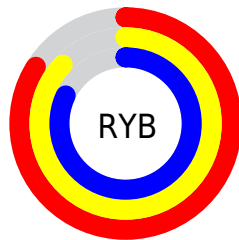
The YUV color  $219.7570, -4.8102, 2.8441$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $213.2430, 4.8102, -2.8441$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $164.8710, -4.3734, 2.7441$  is the 20% darker color. If you saturate the color by 10%, you get  $214.3140, -12.9728, 7.6176$ , and if you desaturate by 10%, it is  $225.2000, 3.3524, -1.9294$ .

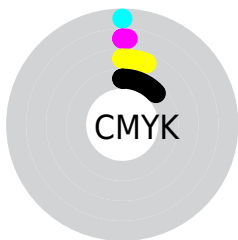
# Distribution



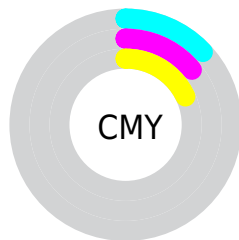
- Red (87%)
- Green (86%)
- Blue (82%)



- Red (84%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.7570, -4.8102, 2.8441 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 219.7570, -4.8102, 2.8441 by changing the saturation by 10% instead.



■ 219.7570, -4.8102,  
2.8441

■ 219.7570, -4.8102,  
2.8441

255.0000, 0.0000,  
0.0000

■ 191.7570, -4.8102,  
2.8441

■ 164.8710, -4.3734,  
2.7441

■ 138.5720, -4.2260,  
2.1294

■ 112.8710, -4.3734,  
2.7441

■ 88.5720, -4.2260,  
2.1294

■ 65.5720, -4.2260,  
2.1294

■ 43.6860, -3.7892,

2.0294

■ 22.6860, -3.7892,  
2.0294

■ 0.0000, 0.0000,  
0.0000

■ 219.7570, -4.8102,  
2.8441

■ 219.7570, -4.8102,  
2.8441

■ 214.3140,  
-12.9728, 7.6176

■ 225.2000, 3.3524,  
-1.9294

■ 208.7570,  
-21.5722, 12.4911

■ 230.7570, 11.9518,  
-6.8029

■ 203.3140,  
-29.7348, 17.2646

■ 233.6920, 10.5048,  
-9.3769

■ 197.2840,  
-37.6080, 22.5529

■ 237.2140, 8.7685,  
-12.4657

■ 191.7270,  
-46.2074, 27.4264

■ 240.1490, 7.3215,  
-15.0397

■ 186.2840,  
-54.3700, 32.1999

■ 243.0840, 5.8746,  
-17.6137

■ 180.8410,  
-62.5326, 36.9734

■ 245.4320, 4.7170,  
-19.6729

■ 175.3980,  
-70.6952, 41.7470

■ 169.8410,  
-79.2946, 46.6204

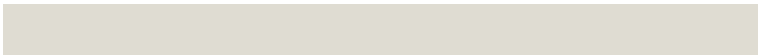
# Harmonies

## Analogous

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



220.1920, -4.5317, 6.8476



219.7570, -4.8102, 2.8441



219.3650, -3.6309, -2.0741

# Triad

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



219.7570, -4.8102, 2.8441



218.8570, 3.5215, -9.5216



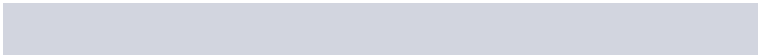
221.0870, 1.4361, 6.0627

# Complementary

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



219.7570, -4.8102, 2.8441



213.2430, 4.8102, -2.8441

# Split Complementary

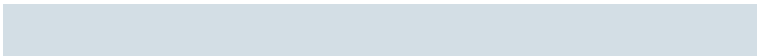
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.6350, 3.6309, 2.0741



219.7570, -4.8102, 2.8441



219.5090, 4.6791, -7.4624

# Square

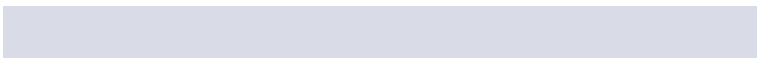
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



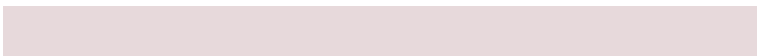
219.7570, -4.8102, 2.8441



218.2870, 1.3375, -9.0217



220.2430, 4.8102, -2.8441



221.4140, -1.1901, 8.4069



# Rectangle

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



219.7570, -4.8102, 2.8441



218.3970, -2.1677, -4.7332



220.2430, 4.8102, -2.8441



220.6030, 2.1677, 4.7332

# Sweetspot

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



219.7570, -4.8102, 2.8441



253.8430, -1.8946, 1.0147



214.2290, -0.6059, 7.6922



127.0710, -1.0210, 0.8147



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

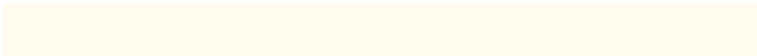


# Same Dimension

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



219.7570, -4.8102, 2.8441



250.6000, -6.7048, 3.8588



220.6210, -5.2362, -0.5446



109.8000, -3.3524, 1.9294



131.8690, -65.0114, 38.7029

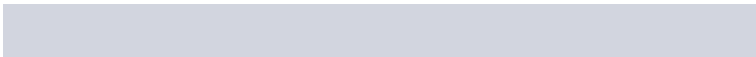


36.0710, -17.7830, 10.4617



# Inverse Universe

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



213.2430, 4.8102, -2.8441



241.4000, 6.7048, -3.8588



212.3790, 5.2362, 0.5446



105.2000, 3.3524, -1.9294



44.1310, 65.0114, -38.7029

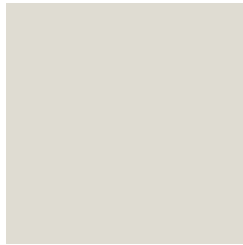


11.9290, 17.7830, -10.4617



# Previews

## White Background



This preview shows how the YUV color 219.7570, -4.8102, 2.8441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

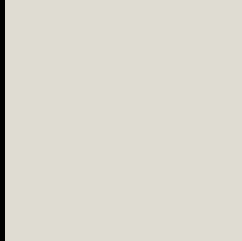
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.7570, -4.8102, 2.8441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

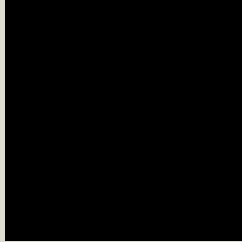
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

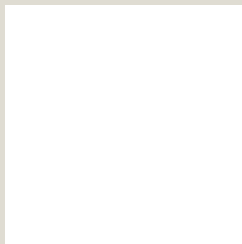
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 219.7570, -4.8102, 2.8441

## Background



This preview shows how black text looks on a background with the YUV color 219.7570, -4.8102, 2.8441.



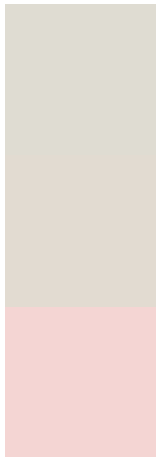
This preview shows how white text looks on a background with the YUV color 219.7570, -4.8102,

2.8441.

# 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

219.7570, -4.8102, 2.8441

### Protanopia

219.9530, -5.3998, 5.3032

### Deuteranopia

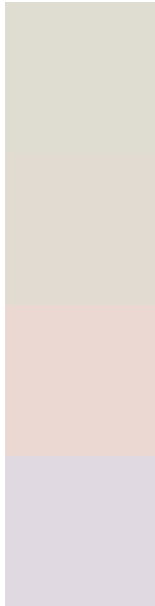
222.0410, -5.4432, 19.2580



## Tritanopia

221.0420, 6.3883, 4.3482

# Trichromacy



## Original Color

219.7570, -4.8102, 2.8441

## Protanomaly

219.6540, -5.2524, 4.6884

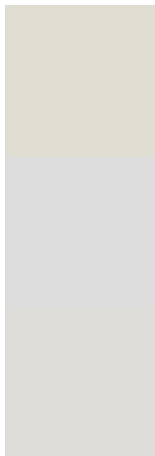
## Deuteranomaly

221.4100, -5.1321, 12.7954

## Tritanomaly

220.3040, 2.3151, 4.1184

# Monochromacy



## Original Color

219.7570, -4.8102, 2.8441

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

219.8430, -1.8946, 1.0147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.7570, -4.8102, 2.8441 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(223, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 210)  
}
```

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(223, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 210) }
```

## Border

The CSS property to change the border of an element to YUV 219.7570, -4.8102, 2.8441 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(223, 220, 210) }
```



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

```
.border{ border-color:rgb(223, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 219.7570, -4.8102, 2.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 210) }
```

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

```
.background{ background-color: rgb(223,  
220, 210) }
```

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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