

# Converting Colors

YUV(219.2770, -16.8986,  
6.7731)

Have a look what the booklet for  
YUV(219.2770, -16.8986, 6.7731)  
contains.

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# Color

**YUV(219.2770, -16.8986,  
6.7731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DEB9
RGB	227, 222, 185
RGB Percent	89%, 87%, 73%
CMY	0.1098, 0.1294, 0.2745
CMYK	0.00, 0.02, 0.19, 0.11
HSL	53°, 43%, 81%
HSV	53°, 19%, 89%
XYZ	66.5568, 72.0762, 56.3031
YIQ	219.2770, 14.8570, -10.4470

# Conversions

## Conversions Part 2

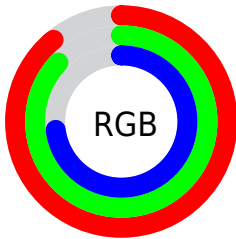
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 227, 185
Decimal	14933689
CIE Lab	88.01, -4.29, 18.79
CIE LCh	88, 19.274, 102.871
Yxy	72.0762, 0.3414, 0.3697
Android (android.graphics.Color)	4293123769 (0xFFE3DEB9)
YUV	219.2770, -16.8986, 6.7731
Hunter-Lab	84.8977, -8.6334, 20.1080

# Details

The YUV color  $219.2770, -16.8986, 6.7731$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $192.7230, 16.8986, -6.7731$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.4040, -6.1152, 1.3997$ , and  $164.2060, -15.8776, 5.9583$  is the 20% darker color. If you saturate the color by 10%, you get  $214.8940, -26.0767, 10.6170$ , and if you desaturate by 10%, it is  $223.6600, -7.7204, 2.9292$ .

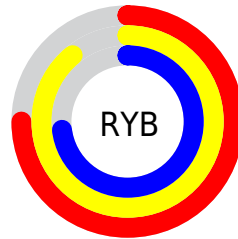
# Distribution



Red (89%)

Green (87%)

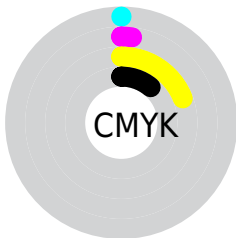
Blue (73%)



Red (75%)

Yellow (89%)

Blue (73%)

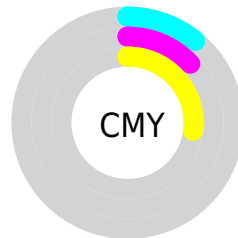


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.2770, -16.8986, 6.7731 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 219.2770, -16.8986, 6.7731 by changing the saturation by 10% instead.



■ 219.2770,  
-16.8986, 6.7731

■ 219.2770,  
-16.8986, 6.7731

255.0000, 0.0000,  
0.0000

■ 191.3910,  
-16.4618, 6.6731

■ 253.4040, -6.1152,  
1.3997

■ 164.2060,  
-15.8776, 5.9583

■ 138.2060,  
-15.8776, 5.9583

■ 112.4340,  
-15.0040, 5.7584

■ 88.2490, -14.4198,  
5.0436

■ 64.4770, -13.5462,  
4.8437

■ 42.2920, -12.9620,

4.1289

■ 22.4490, -11.0674,  
3.1142

■ 0.0000, 0.0000,  
0.0000

■ 219.2770,  
-16.8986, 6.7731

■ 219.2770,  
-16.8986, 6.7731

■ 214.8940,  
-26.0767, 10.6170

■ 223.6600, -7.7204,  
2.9292

■ 211.2120,  
-35.1075, 13.8461

■ 227.3420, 1.3104,  
-0.2999

■ 206.8290,  
-44.2857, 17.6900

■ 231.7250, 10.4886,  
-4.1438

■ 202.4460,  
-53.4639, 21.5339

■ 233.7140, 10.4940,  
-5.8882

■ 198.1770,  
-62.2053, 25.2778

■ 235.4750, 9.6258,  
-7.4326

■ 194.3810,  
-71.6728, 28.6069

■ 236.6490, 9.0470,  
-8.4622

■ 189.9980,  
-80.8510, 32.4508

■ 238.4100, 8.1789,  
-10.0066

■ 185.6150,  
-90.0292, 36.2946

■ 240.1710, 7.3107,  
-11.5510

■ 185.2730,  
-91.3396, 36.5946

■ 241.3450, 6.7319,  
-12.5806

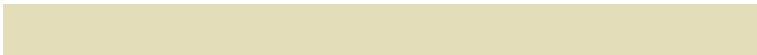
# Harmonies

## Analogous

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



221.2510, -17.3787, 20.8279



219.2770, -16.8986, 6.7731



216.9590, -11.3188, -9.6110

# Triad

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



219.2770, -16.8986, 6.7731



214.9660, 14.8068, -35.9272



224.1800, 3.8553, 23.5211

# Complementary

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



219.2770, -16.8986, 6.7731



192.7230, 16.8986, -6.7731

# Split Complementary

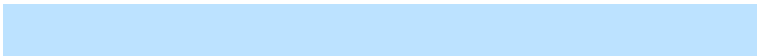
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8560, 11.9030, 8.8963



219.2770, -16.8986, 6.7731



217.9440, 18.2686, -26.2609

# Square

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



219.2770, -16.8986, 6.7731



214.2020, 6.8024, -35.2572



221.2990, 16.6146, -9.0322



222.6230, -4.7441, 28.3946



# Rectangle

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



219.2770, -16.8986, 6.7731



215.8590, -6.3395, -20.0473



221.2990, 16.6146, -9.0322



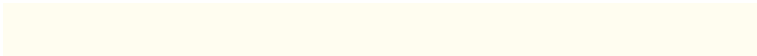
223.9560, 6.9237, 19.3326

# Sweetspot

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



219.2770, -16.8986, 6.7731



252.1160, -5.9732, 2.5293



198.2420, -3.5703, 25.2208



125.8000, -3.3524, 1.9294



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.



219.2770, -16.8986, 6.7731



244.5070, -22.4350, 9.2024



217.7270, -16.1344, -5.0226



112.4580, -4.6628, 2.2293



145.6800, -71.8202, 29.2216



41.6640, -20.5404, 8.1877



# Inverse Universe

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



192.7230, 16.8986, -6.7731



209.4930, 22.4350, -9.2024



194.2730, 16.1344, 5.0226



105.5420, 4.6628, -2.2293



32.7330, 72.1096, -28.7068

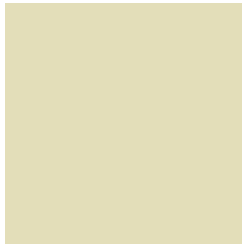


9.3360, 20.5404, -8.1877



# Previews

## White Background



This preview shows how the YUV color 219.2770, -16.8986, 6.7731 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

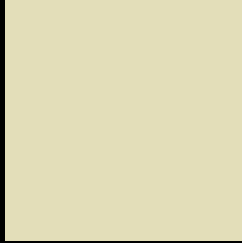
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.2770, -16.8986, 6.7731 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

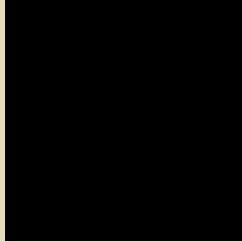
Any Text WCAG AA ✓ Pass

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 219.2770, -16.8986, 6.7731 Background



This preview shows how black text looks on a background with the YUV color 219.2770, -16.8986, 6.7731.



This preview shows how white text looks on a background with the YUV color 219.2770, -16.8986, 6.7731.



# 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

219.2770, -16.8986, 6.7731

### Protanopia

219.7830, -17.6410, 11.5913

### Deuteranopia

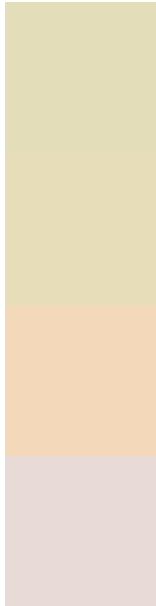
221.7080, -17.1110, 28.3201



## Tritanopia

222.3200, 4.7722, 9.3664

# Trichromacy



## Original Color

219.2770, -16.8986, 6.7731

## Protanomaly

219.7720, -17.6356, 9.8470

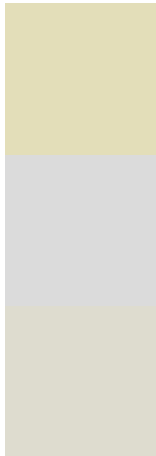
## Deuteranomaly

220.9520, -17.2313, 20.2131

## Tritanomaly

221.5450, -3.2267, 8.2920

# Monochromacy



## Original Color

219.2770, -16.8986, 6.7731

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.1160, -5.9732, 2.5293

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.2770, -16.8986, 6.7731 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(227, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 185)  
}
```

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(227, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 185) }
```

## Border

The CSS property to change the border of an element to YUV 219.2770, -16.8986, 6.7731 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(227, 222, 185) }
```



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

```
.border{ border-color:rgb(227, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 219.2770, -16.8986, 6.7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 185) }
```

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

```
.background{ background-color: rgb(227,  
222, 185) }
```

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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