

# Converting Colors

YUV(213.7180, -19.0880,  
9.0173)

Have a look what the booklet for  
YUV(213.7180, -19.0880, 9.0173)  
contains.

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# Color

**YUV(213.7180, -19.0880,  
9.0173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0D8AF
RGB	224, 216, 175
RGB Percent	88%, 85%, 69%
CMY	0.1216, 0.1529, 0.3137
CMYK	0.00, 0.04, 0.22, 0.12
HSL	50°, 44%, 78%
HSV	50°, 22%, 88%
XYZ	63.0342, 68.0542, 50.3710
YIQ	213.7180, 17.9290, -11.0550

# Conversions

## Conversions Part 2

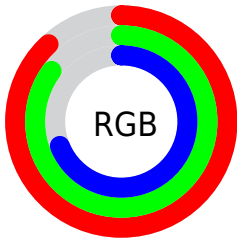
Format	Color
R <sub>Y</sub> B	185, 224, 175
Decimal	14735535
CIE Lab	86.03, -3.77, 21.24
CIE LCh	86, 21.571, 100.066
Yxy	68.0542, 0.3474, 0.3750
Android (android.graphics.Color)	4292925615 (0xFFE0D8AF)
YUV	213.7180, -19.0880, 9.0173
Hunter-Lab	82.4950, -7.9747, 21.5443

# Details

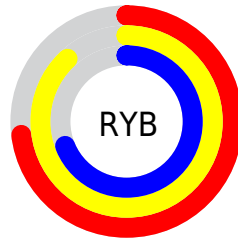
The YUV color  $213.7180, -19.0880, 9.0173$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $185.2820, 19.0880, -9.0173$ , and the grayscale version is  $214.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.2640, -10.4832, 2.3995$ , and  $158.6470, -18.0670, 8.2026$  is the 20% darker color. If you saturate the color by 10%, you get  $208.8620, -27.5400, 13.2760$ , and if you desaturate by 10%, it is  $218.5740, -10.6360, 4.7586$ .

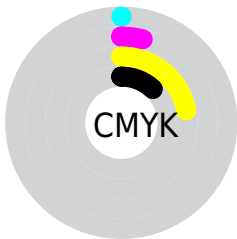
# Distribution



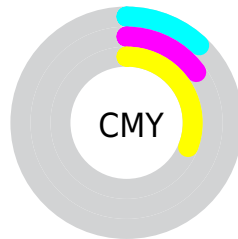
- Red (88%)
- Green (85%)
- Blue (69%)



- Red (73%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.7180, -19.0880, 9.0173 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 213.7180, -19.0880, 9.0173 by changing the saturation by 10% instead.



■ 213.7180,  
-19.0880, 9.0173

■ 213.7180,  
-19.0880, 9.0173

255.0000, 0.0000,  
0.0000

■ 185.8320,  
-18.6512, 8.9173

■ 252.2640,  
-10.4832, 2.3995

■ 158.6470,  
-18.0670, 8.2026

■ 132.7610,  
-17.6302, 8.1026

■ 107.5760,  
-17.0460, 7.3878

■ 83.3910, -16.4618,  
6.6731

■ 59.7330, -15.1514,  
6.3732

■ 37.7930, -16.1669,

5.4435

■ 18.6060, -9.1728,  
2.0995

■ 0.0000, 0.0000,  
0.0000

■ 213.7180,  
-19.0880, 9.0173

■ 213.7180,  
-19.0880, 9.0173

■ 208.8620,  
-27.5400, 13.2760

■ 218.5740,  
-10.6360, 4.7586

■ 204.4790,  
-36.7181, 17.1199

■ 222.9570, -1.4578,  
0.9147

■ 199.6230,  
-45.1701, 21.3786

■ 227.8130, 6.9942,  
-3.3440

■ 194.6530,  
-54.0589, 25.7373

■ 231.6430, 11.5150,  
-6.7029

■ 190.3840,  
-62.8003, 29.4812

■ 233.4040, 10.6468,  
-8.2473

■ 185.5280,  
-71.2523, 33.7399

■ 235.7520, 9.4893,  
-10.3065

■ 180.5580,  
-80.1411, 38.0986

■ 238.1000, 8.3317,  
-12.3657

■ 176.7450,  
-87.1353, 41.4426

■ 239.8610, 7.4635,  
-13.9101

■ 242.2090, 6.3060,  
-15.9693

# Harmonies

## Analogous

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



215.8170, -19.1368, 24.7165



213.7180, -19.0880, 9.0173



211.3890, -13.5028, -9.1112

# Triad

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



213.7180, -19.0880, 9.0173



207.6880, 16.4228, -40.9454



218.9460, 5.4496, 25.4804

# Complementary

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



213.7180, -19.0880, 9.0173



185.2820, 19.0880, -9.0173

# Split Complementary

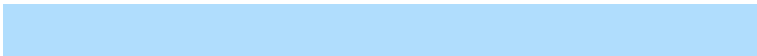
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.0130, 13.7976, 7.8816



213.7180, -19.0880, 9.0173



211.1930, 20.6109, -30.8643

# Square

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



213.7180, -19.0880, 9.0173



207.2940, 7.2501, -38.8458



215.3740, 19.5356, -12.6060



218.0580, -4.4656, 32.3981



# Rectangle

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



213.7180, -19.0880, 9.0173



209.8050, -7.7919, -20.8770



215.3740, 19.5356, -12.6060



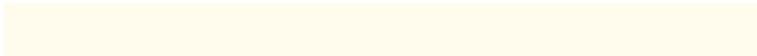
219.0100, 8.3761, 20.1622

# Sweetspot

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



213.7180, -19.0880, 9.0173



251.1870, -6.9942, 3.3440



190.5630, -3.7286, 29.3242



125.5720, -4.2260, 2.1294



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.



213.7180, -19.0880, 9.0173



241.0190, -25.6454, 12.2613



213.6300, -19.0446, -4.9375



109.5720, -4.2260, 2.1294



138.9130, -68.4841, 32.5253



38.4190, -18.9406, 8.4025



# Inverse Universe

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



185.2820, 19.0880, -9.0173



202.9810, 25.6454, -12.2613



185.3700, 19.0446, 4.9375



103.4280, 4.2260, -2.1294



37.0870, 68.4841, -32.5253

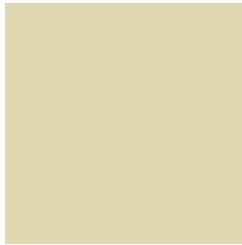


10.1680, 18.6512, -8.9173



# Previews

## White Background



This preview shows how the YUV color 213.7180, -19.0880, 9.0173 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 213.7180, -19.0880, 9.0173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

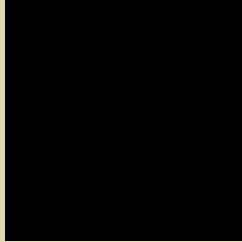
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

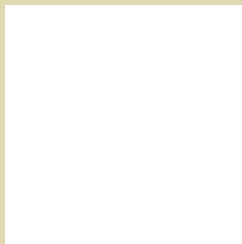
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 213.7180, -19.0880, 9.0173

## Background



This preview shows how black text looks on a background with the YUV color 213.7180, -19.0880, 9.0173.



This preview shows how white text looks on a background with the YUV color 213.7180, -19.0880, 9.0173.



# 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

213.7180, -19.0880, 9.0173

### Protanopia

214.2130, -19.8250, 12.0912

### Deuteranopia

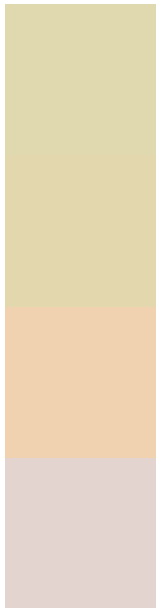
216.1380, -19.2950, 28.8200



## Tritanopia

217.1030, 3.8932, 11.3107

# Trichromacy



## Original Color

213.7180, -19.0880, 9.0173

## Protanomaly

213.9140, -19.6776, 11.4764

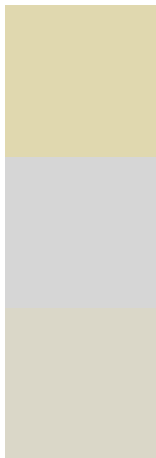
## Deuteranomaly

215.0940, -19.2733, 21.8426

## Tritanomaly

216.2140, -4.5425, 10.3363

# Monochromacy



## Original Color

213.7180, -19.0880, 9.0173

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

214.1870, -6.9942, 3.3440

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.7180, -19.0880, 9.0173 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(224, 216, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 175)  
}
```

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(224, 216, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 175) }
```

## Border

The CSS property to change the border of an element to YUV 213.7180, -19.0880, 9.0173 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(224, 216, 175) }
```



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

```
.border{ border-color:rgb(224, 216, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 213.7180, -19.0880, 9.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 175) }
```

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

```
.background{ background-color: rgb(224,  
216, 175) }
```

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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