

# Converting Colors

YUV(215.7880, -15.1785,  
15.0949)

Have a look what the booklet for  
YUV(215.7880, -15.1785, 15.0949)  
contains.

<b>YUV(215.7880, -15.1785, 15.0949)</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(215.7880, -15.1785,  
15.0949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9D5B9
RGB	233, 213, 185
RGB Percent	91%, 84%, 73%
CMY	0.0863, 0.1647, 0.2745
CMYK	0.00, 0.09, 0.21, 0.09
HSL	35°, 52%, 82%
HSV	35°, 21%, 91%
XYZ	66.1555, 68.4149, 55.6176
YIQ	215.7880, 20.9080, -4.4680

# Conversions

## Conversions Part 2

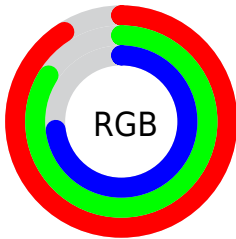
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 233, 185
Decimal	15324601
CIE Lab	86.21, 2.54, 16.36
CIE LCh	86, 16.551, 81.188
Yxy	68.4149, 0.3478, 0.3597
Android (android.graphics.Color)	4293514681 (0xFFE9D5B9)
YUV	215.7880, -15.1785, 15.0949
Hunter-Lab	82.7133, -1.9810, 18.0319

# Details

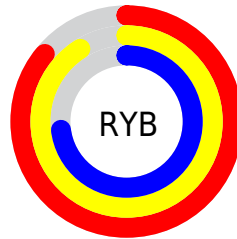
The YUV color  $215.7880, -15.1785, 15.0949$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $202.2120, 15.1785, -15.0949$ , and the grayscale version is  $216.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.4040, -6.1152, 1.3997$ , and  $160.7170, -14.1575, 14.2802$  is the 20% darker color. If you saturate the color by 10%, you get  $207.2960, -22.3309, 22.5424$ , and if you desaturate by 10%, it is  $224.2800, -8.0260, 7.6474$ .

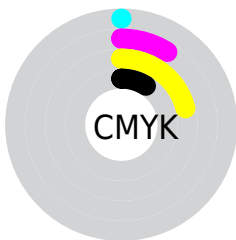
# Distribution



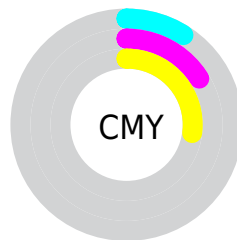
- Red (91%)
- Green (84%)
- Blue (73%)



- Red (86%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.7880, -15.1785, 15.0949 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 215.7880, -15.1785, 15.0949 by changing the saturation by 10% instead.



■ 215.7880,  
-15.1785, 15.0949

■ 215.7880,  
-15.1785, 15.0949

255.0000, 0.0000,  
0.0000

■ 187.9020,  
-14.7417, 14.9949

■ 253.4040, -6.1152,  
1.3997

■ 160.7170,  
-14.1575, 14.2802

■ 134.5320,  
-13.5733, 13.5654

■ 109.2330,  
-13.4259, 12.9507

■ 84.7490, -12.6943,  
11.6211

■ 61.5640, -12.1101,  
10.9064

■ 39.4930, -11.0890,

10.0916

■ 19.2370, -9.4838,  
8.5622

■ 0.0000, 0.0000,  
0.0000

■ 215.7880,  
-15.1785, 15.0949

■ 215.7880,  
-15.1785, 15.0949

■ 207.2960,  
-22.3309, 22.5424

■ 224.2800, -8.0260,  
7.6474

■ 199.2770,  
-30.2096, 29.5751

■ 232.2990, -0.1474,  
0.6148

■ 190.7850,  
-37.3620, 37.0226

■ 240.7910, 7.0050,  
-6.8327

■ 182.2930,  
-44.5144, 44.4700

■ 246.6610, 4.1111,  
-11.9807

■ 173.6870,  
-52.1037, 52.0175

■ 248.4220, 3.2430,  
-13.5251

■ 165.7820,  
-59.5455, 58.9502

■ 157.2900,  
-66.6980, 66.3977

■ 149.4990,  
-73.7030, 73.2304

# Harmonies

## Analogous

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



217.2390, -12.4428, 24.3464



215.7880, -15.1785, 15.0949



213.7540, -13.6827, 1.9697

# Triad

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



215.7880, -15.1785, 15.0949



210.1640, 7.8071, -30.8388



218.2540, 8.2558, 12.0552

# Complementary

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



215.7880, -15.1785, 15.0949



202.2120, 15.1785, -15.0949

# 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.



216.6480, 13.9775, -3.1993



215.7880, -15.1785, 15.0949



211.7820, 13.9115, -28.7498

# Square

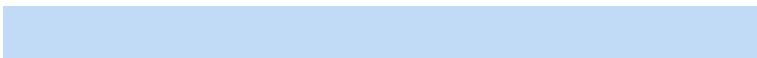
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.7880, -15.1785, 15.0949



210.7320, -0.3609, -24.3210



213.7170, 15.9155, -18.1688



218.7840, 1.0925, 22.9914



# Rectangle

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



215.7880, -15.1785, 15.0949



212.6110, -10.1612, -7.5518



213.7170, 15.9155, -18.1688



218.0900, 10.3086, 6.9371

# Sweetspot

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



215.7880, -15.1785, 15.0949



249.7680, -4.8156, 4.5885



201.6320, 1.6604, 27.5097



124.6260, -2.7736, 2.9590



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.



215.7880, -15.1785, 15.0949



231.8550, -20.1415, 20.2982



226.3320, -20.3767, 2.3398



112.8110, -3.3578, 3.6738



116.3410, -57.3561, 56.7059



34.3430, -16.9311, 17.2392



# Inverse Universe

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



202.2120, 15.1785, -15.0949



214.1450, 20.1415, -20.2982



191.6680, 20.3767, -2.3398



109.6020, 3.6472, -3.1590



64.6590, 57.3561, -56.7059

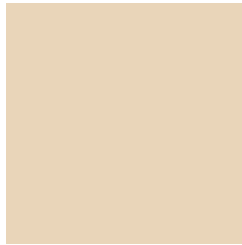


19.0700, 17.2205, -16.7244



# Previews

## White Background



This preview shows how the YUV color 215.7880, -15.1785, 15.0949 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

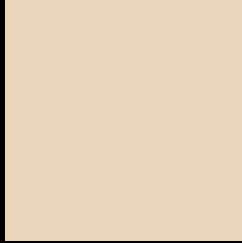
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.7880, -15.1785, 15.0949 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

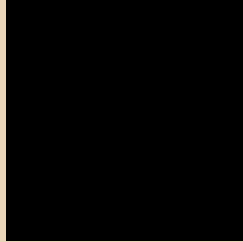
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

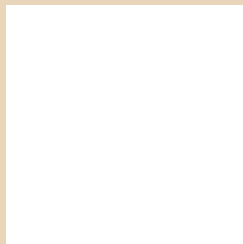
Any Text WCAG AAA ✓ Pass

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

# YUV 215.7880, -15.1785, 15.0949 Background



This preview shows how black text looks on a background with the YUV color 215.7880, -15.1785, 15.0949.



This preview shows how white text looks on a background with the YUV color 215.7880, -15.1785, 15.0949.



# 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

215.7880, -15.1785, 15.0949

### Protanopia

214.9830, -14.2886, 9.6619

### Deuteranopia

217.1530, -15.3584, 26.1758



## Tritanopia

218.2070, 2.8559, 17.3585

# Trichromacy



## Original Color

215.7880, -15.1785, 15.0949

## Protanomaly

215.2930, -14.4414, 12.0210

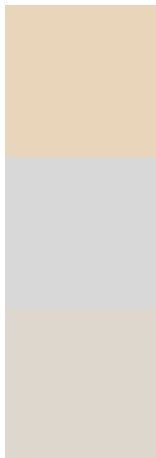
## Deuteranomaly

216.8320, -15.2002, 22.0723

## Tritanomaly

217.1870, -3.5432, 16.4990

# Monochromacy



## Original Color

215.7880, -15.1785, 15.0949

## Achromatopsia

216.0000, 0.0000, 0.0000

## Achromatomaly

215.9530, -5.3998, 5.3032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.7880, -15.1785, 15.0949 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(233, 213, 185)` looks like.

```
.text, #text, p{  
  color:rgb(233, 213, 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(233, 213, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 185) }
```

## Border

The CSS property to change the border of an element to YUV 215.7880, -15.1785, 15.0949 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(233, 213, 185) }
```



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

```
.border{ border-color:rgb(233, 213, 185) }
```

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

Here you see how a box with a 4 pixel rgb(233, 213, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 185);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 215.7880, -15.1785, 15.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 185) }
```

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

```
.background{ background-color: rgb(233,  
213, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor