

Converting Colors

YUV(215.3550, -21.8670,
13.7207)

Have a look what the booklet for
YUV(215.3550, -21.8670, 13.7207)
contains.

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Color

**YUV(215.3550, -21.8670,
13.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D8AB
RGB	231, 216, 171
RGB Percent	91%, 85%, 67%
CMY	0.0941, 0.1529, 0.3294
CMYK	0.00, 0.06, 0.26, 0.09
HSL	45°, 56%, 79%
HSV	45°, 26%, 91%
XYZ	64.8615, 69.0409, 48.4357
YIQ	215.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

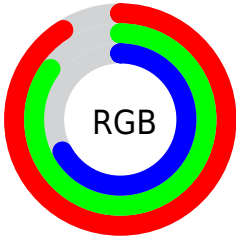
Format	Color
RYB	191, 231, 171
Decimal	15194283
CIELab	86.52, -1.71, 24.09
CIElCh	87, 24.153, 94.065
Yxy	69.0409, 0.3557, 0.3786
Android (android.graphics.Color)	4293384363 (0xFFE7D8AB)
YUV	215.3550, -21.8670, 13.7207
Hunter-Lab	83.0909, -6.0702, 23.6020

Details

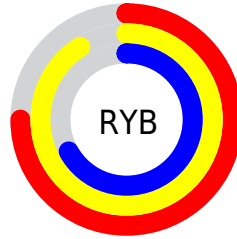
The YUV color $215.3550, -21.8670, 13.7207$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.6450, 21.8670, -13.7207$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, -12.2303, 2.7994$, and $160.3980, -20.4092, 12.8060$ is the 20% darker color. If you saturate the color by 10%, you get $209.2110, -30.1770, 19.1090$, and if you desaturate by 10%, it is $221.4990, -13.5570, 8.3324$.

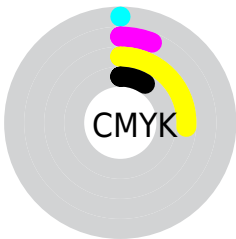
Distribution



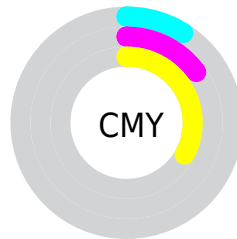
- Red (91%)
- Green (85%)
- Blue (67%)



- Red (75%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.3550, -21.8670, 13.7207 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 215.3550, -21.8670, 13.7207 by changing the saturation by 10% instead.

■ 215.3550,
-21.8670, 13.7207

■ 215.3550,
-21.8670, 13.7207

255.0000, 0.0000,
0.0000

■ 187.4690,
-21.4302, 13.6207

■ 251.8080,
-12.2303, 2.7994

■ 160.3980,
-20.4092, 12.8060

■ 134.2130,
-19.8250, 12.0912

■ 108.7290,
-19.0934, 10.7617

■ 84.5440, -18.5092,
10.0469

■ 61.0600, -17.7776,
8.7174

■ 38.4190, -18.9406,

8.4025

■ 19.8020, -9.7624,
4.5586

■ 0.0000, 0.0000,
0.0000

■ 215.3550,
-21.8670, 13.7207

■ 215.3550,
-21.8670, 13.7207

■ 209.2110,
-30.1770, 19.1090

■ 221.4990,
-13.5570, 8.3324

■ 203.0670,
-38.4870, 24.4972

■ 227.6430, -5.2470,
2.9441

■ 197.5100,
-47.0864, 29.3707

■ 233.2000, 3.3524,
-1.9294

■ 191.3660,
-55.3964, 34.7590

■ 238.4320, 8.1680,
-6.5179

■ 185.1080,
-64.1432, 40.2473

■ 241.9540, 6.4317,
-9.6067

■ 178.9640,
-72.4533, 45.6356

■ 245.4760, 4.6953,
-12.6955

■ 173.4070,
-81.0527, 50.5091

■ 247.8240, 3.5378,
-14.7546

■ 170.6200,
-84.1157, 52.9533

Harmonies

Analogous

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



217.2090, -20.3160, 29.6347



215.3550, -21.8670, 13.7207



212.7870, -17.1500, -5.9522

Triad

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



215.3550, -21.8670, 13.7207



207.9430, 16.2971, -47.3080



220.6300, 8.0704, 24.8805

Complementary

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



215.3550, -21.8670, 13.7207



186.6450, 21.8670, -13.7207

Split Complementary

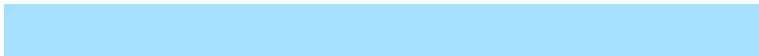
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.5010, 17.0080, 4.8226



215.3550, -21.8670, 13.7207



210.4910, 21.9429, -38.1416

Square

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



215.3550, -21.8670, 13.7207



207.8160, 5.5137, -41.9346



215.0420, 19.6993, -18.4538



218.0410, -1.9922, 32.4130

Rectangle

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



215.3550, -21.8670, 13.7207



210.4200, -10.5601, -19.6623



215.0420, 19.6993, -18.4538



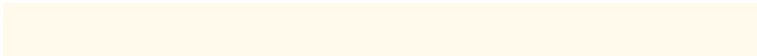
220.5090, 11.5811, 18.8476

Sweetspot

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



215.3550, -21.8670, 13.7207



249.7850, -7.2890, 4.5736



190.6500, -2.2925, 35.3869



124.1700, -4.5208, 3.3589



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.



215.3550, -21.8670, 13.7207



234.2540, -28.7192, 18.1942



219.6750, -23.9968, -3.2230



111.8710, -4.3734, 2.7441



132.1790, -65.1642, 41.0620



37.5550, -18.5146, 11.7913

Inverse Universe

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



186.6450, 21.8670, -13.7207



196.7460, 28.7192, -18.1942



182.3250, 23.9968, 3.2230



106.1290, 4.3734, -2.7441



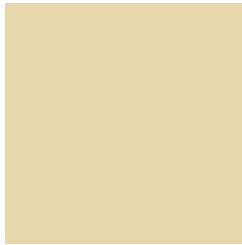
46.8210, 65.1642, -41.0620



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 215.3550, -21.8670, 13.7207 looks on a white background.

Color Contrast Check

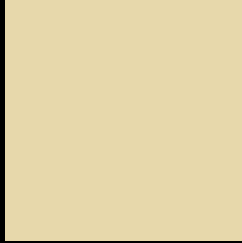
Large Text (above 18pt) WCAG AA × Fail

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 215.3550, -21.8670, 13.7207 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 215.3550, -21.8670, 13.7207

Background



This preview shows how black text looks on a background with the YUV color 215.3550, -21.8670, 13.7207.

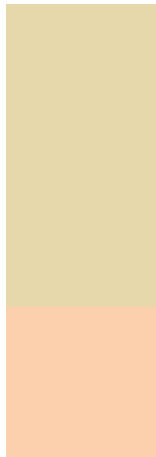


This preview shows how white text looks on a background with the YUV color 215.3550, -21.8670, 13.7207.

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

215.3550, -21.8670, 13.7207

Protanopia

215.0560, -21.7196, 13.1059

Deuteranopia

217.1660, -21.7738, 30.5494



Tritanopia

219.4950, 2.7140, 16.2289

Trichromacy



Original Color

215.3550, -21.8670, 13.7207

Protanomaly

215.0560, -21.7196, 13.1059

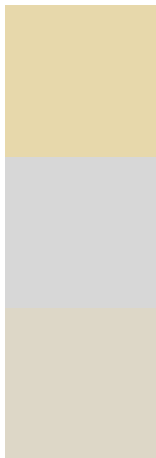
Deuteranomaly

216.4210, -21.8996, 24.1868

Tritanomaly

218.0790, -6.4479, 14.8397

Monochromacy



Original Color

215.3550, -21.8670, 13.7207

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9700, -7.8732, 5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.3550, -21.8670, 13.7207 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(231, 216, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 171)  
}
```

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(231, 216, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 171) }
```

Border

The CSS property to change the border of an element to YUV 215.3550, -21.8670, 13.7207 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(231, 216, 171) }
```


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

```
.border{ border-color:rgb(231, 216, 171) }
```

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

Here you see how a box with a 4 pixel rgb(231, 216, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 215.3550, -21.8670, 13.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 171) }
```

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

```
.background{ background-color: rgb(231,  
216, 171) }
```

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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