

Converting Colors

YUV(221.3550, -21.8670,
13.7207)

Have a look what the booklet for
YUV(221.3550, -21.8670, 13.7207)
contains.

YUV(221.3550, -21.8670, 13.7207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(221.3550, -21.8670,
13.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEB1
RGB	237, 222, 177
RGB Percent	93%, 87%, 69%
CMY	0.0706, 0.1294, 0.3059
CMYK	0.00, 0.06, 0.25, 0.07
HSL	45°, 63%, 81%
HSV	45°, 25%, 93%
XYZ	68.9821, 73.4214, 52.1310
YIQ	221.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

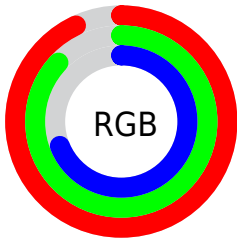
Format	Color
RYB	197, 237, 177
Decimal	15589041
CIELab	88.65, -1.74, 23.97
CIELCh	89, 24.029, 94.143
Yxy	73.4214, 0.3546, 0.3774
Android (android.graphics.Color)	4293779121 (0xFFEDDEB1)
YUV	221.3550, -21.8670, 13.7207
Hunter-Lab	85.6863, -6.2488, 23.9088

Details

The YUV color $221.3550, -21.8670, 13.7207$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $192.6450, 21.8670, -13.7207$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $166.2840, -20.8460, 12.9059$ is the 20% darker color. If you saturate the color by 10%, you get $215.0970, -30.6138, 19.2089$, and if you desaturate by 10%, it is $227.6130, -13.1202, 8.2324$.

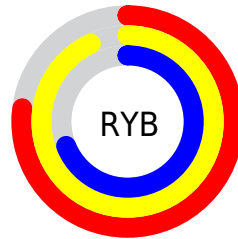
Distribution



Red (93%)

Green (87%)

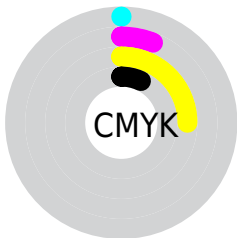
Blue (69%)



Red (77%)

Yellow (93%)

Blue (69%)

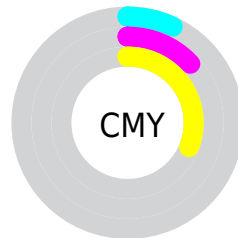


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3550, -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 221.3550, -21.8670, 13.7207 by changing the saturation by 10% instead.

■ 221.3550,
-21.8670, 13.7207

■ 221.3550,
-21.8670, 13.7207

255.0000, 0.0000,
0.0000

■ 193.1700,
-21.2828, 13.0059

■ 252.4920, -9.6096,
2.1995

■ 166.2840,
-20.8460, 12.9059

■ 139.8000,
-20.1144, 11.5764

■ 114.0280,
-19.2408, 11.3764

■ 89.5440, -18.5092,
10.0469

■ 65.4730, -17.4882,
9.2322

■ 43.0600, -17.7776,

8.7174

■ 23.9440, -11.8044,
6.1881

■ 0.0000, 0.0000,
0.0000

■ 221.3550,
-21.8670, 13.7207

■ 221.3550,
-21.8670, 13.7207

■ 215.0970,
-30.6138, 19.2089

■ 227.6130,
-13.1202, 8.2324

■ 208.9530,
-38.9238, 24.5972

■ 233.7570, -4.8102,
2.8441

■ 202.6950,
-47.6706, 30.0855

■ 240.0150, 3.9366,
-2.6442

■ 196.4370,
-56.4174, 35.5738

■ 244.3350, 5.2578,
-6.4328

■ 190.1790,
-65.1642, 41.0620

■ 247.8570, 3.5215,
-9.5216

■ 184.0350,
-73.4743, 46.4503

■ 249.6180, 2.6533,
-11.0660

■ 178.3640,
-82.5105, 51.4238

■ 175.3490,
-86.4471, 54.0679

Harmonies

Analogous

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



222.6110, -20.0212, 28.4052



221.3550, -21.8670, 13.7207



218.7870, -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.



221.3550, -21.8670, 13.7207



213.9430, 16.2971, -47.3080



226.6300, 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.



221.3550, -21.8670, 13.7207



192.6450, 21.8670, -13.7207

Split Complementary

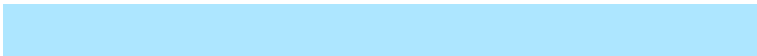
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.9310, 14.8240, 5.3225



221.3550, -21.8670, 13.7207



215.8070, 19.3221, -37.5417

Square

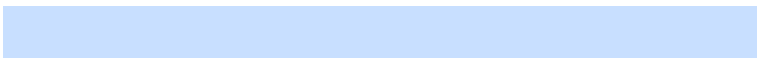
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.3550, -21.8670, 13.7207



213.8160, 5.5137, -41.9346



219.7710, 17.3679, -17.3392



222.2470, -1.1078, 28.7244

Rectangle

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



221.3550, -21.8670, 13.7207



217.0070, -10.8495, -20.1771



219.7710, 17.3679, -17.3392



226.5090, 11.5811, 18.8476

Sweetspot

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



221.3550, -21.8670, 13.7207



249.7850, -7.2890, 4.5736



196.6500, -2.2925, 35.3869



124.1700, -4.5208, 3.3589



0.0000, 0.0000, 0.0000



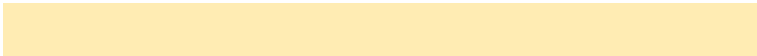
128.0000, 0.0000, 0.0000

Same Dimension

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



221.3550, -21.8670, 13.7207



235.1830, -27.6982, 17.3795



225.6750, -23.9968, -3.2230



113.9850, -3.9366, 2.6442



133.9510, -66.0378, 41.2620



39.6260, -19.5356, 12.6060

Inverse Universe

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



192.6450, 21.8670, -13.7207



198.8170, 27.6982, -17.3795



188.3250, 23.9968, 3.2230



109.0150, 3.9366, -2.6442



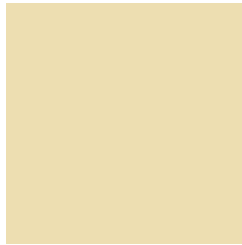
47.0490, 66.0378, -41.2620



13.7870, 19.8250, -12.0912

Previews

White Background



This preview shows how the YUV color 221.3550, -21.8670, 13.7207 looks on a white background.

Color Contrast Check

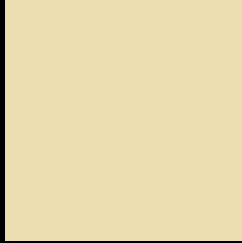
Large Text (above 18pt) WCAG AA × Fail

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 221.3550, -21.8670, 13.7207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

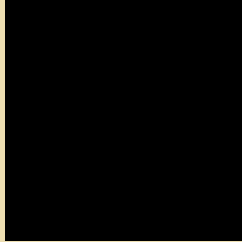
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

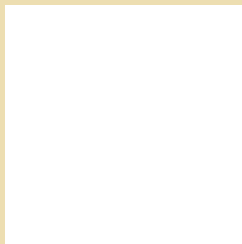
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.3550, -21.8670, 13.7207

Background



This preview shows how black text looks on a background with the YUV color 221.3550, -21.8670, 13.7207.



This preview shows how white text looks on a background with the YUV color 221.3550, -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

221.3550, -21.8670, 13.7207

Protanopia

221.3550, -21.8670, 13.7207

Deuteranopia

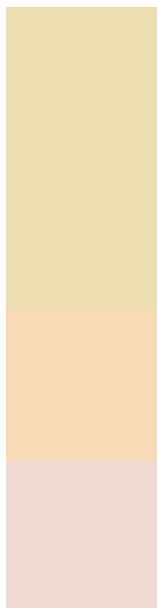
223.5400, -19.0002, 27.5904



Tritanopia

225.4950, 2.7140, 16.2289

Trichromacy



Original Color

221.3550, -21.8670, 13.7207

Protanomaly

221.3550, -21.8670, 13.7207

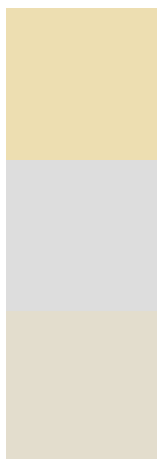
Deuteranomaly

222.8660, -20.1469, 22.0425

Tritanomaly

224.0790, -6.4479, 14.8397

Monochromacy



Original Color

221.3550, -21.8670, 13.7207

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9700, -7.8732, 5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3550, -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(237, 222, 177)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 177)  
}
```

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(237, 222, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 177) }
```

Border

The CSS property to change the border of an element to YUV 221.3550, -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(237, 222, 177) }
```


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

```
.border{ border-color:rgb(237, 222, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 177);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 221.3550, -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(237, 222, 177) }
```

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

```
.background{ background-color: rgb(237,  
222, 177) }
```

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