

Converting Colors

YUV(221.8540, -22.1130,
-0.7490)

Have a look what the booklet for
YUV(221.8540, -22.1130, -0.7490)
contains.

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Color

**YUV(221.8540, -22.1130,
-0.7490)**

Conversions

Conversions Part 1	
Format	Color
Hex	DDE7B1
RGB	221, 231, 177
RGB Percent	87%, 91%, 69%
CMY	0.1333, 0.0941, 0.3059
CMYK	0.04, 0.00, 0.23, 0.09
HSL	71°, 53%, 80%
HSV	71°, 23%, 91%
XYZ	66.3305, 75.6983, 52.7102
YIQ	221.8540, 11.3740, -18.9140

Conversions

Conversions Part 2

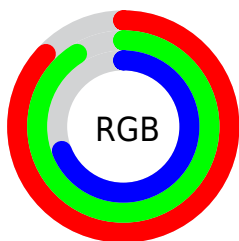
Format	Color
RYB	177, 231, 187
Decimal	14542769
CIELab	89.72, -12.18, 25.24
CIELCh	90, 28.023, 115.773
Yxy	75.6983, 0.3406, 0.3887
Android (android.graphics.Color)	4292732849 (0xFFDDE7B1)
YUV	221.8540, -22.1130, -0.7490
Hunter-Lab	87.0048, -16.1739, 24.9836

Details

The YUV color **221.8540, -22.1130, -0.7490** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186.1460, 22.1130, 0.7490**, 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 **166.1960, -20.8026, -1.0489** is the 20% darker color. If you saturate the color by 10%, you get **218.0360, -31.5697, -0.9086**, and if you desaturate by 10%, it is **225.6720, -12.6563, -0.5893**.

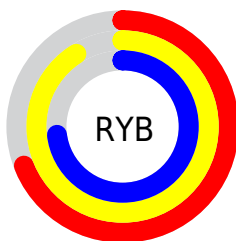
Distribution



Red (87%)

Green (91%)

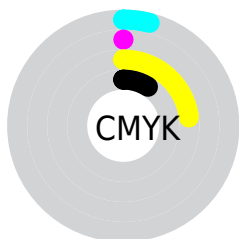
Blue (69%)



Red (69%)

Yellow (91%)

Blue (73%)

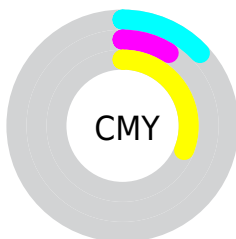


Cyan (4%)

Magenta (0%)

Yellow (23%)

Black (9%)



Cyan (13%)

Magenta (9%)


Yellow (31%)


Brightness & Saturation

Gradients

These gradients show how the YUV color 221.8540, -22.1130, -0.7490 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 221.8540, -22.1130, -0.7490 by changing the saturation by 10% instead.


 221.8540,
-22.1130, -0.7490


 221.8540,
-22.1130, -0.7490


255.0000, 0.0000,
0.0000


 193.9680,
-21.6762, -0.8489


 252.4920, -9.6096,
2.1995

 166.1960,
-20.8026, -1.0489

 140.3100,
-20.3658, -1.1489


 114.5380,
-19.4922, -1.3488


 89.6520, -19.0554,
-1.4488


 65.8800, -18.1818,
-1.6488


 43.4670, -18.4712,

-2.1636

 23.8780, -11.7719,
-4.2780


 0.0000, 0.0000,
0.0000


 221.8540,
-22.1130, -0.7490


 221.8540,
-22.1130, -0.7490

 218.0360,
-31.5697, -0.9086


 225.6720,
-12.6563, -0.5893


 213.9190,
-40.8791, -1.6830

 229.7890, -3.3470,
0.1850

 210.1010,
-50.3358, -1.8426

 233.6070, 6.1097,
0.3447

 206.2830,
-59.7925, -2.0022

 235.8290, 9.4513,
1.9040

■ 202.4650,
-69.2492, -2.1618

■ 237.0250, 8.8617,
4.3631

■ 198.2340,
-78.9954, -2.8362

■ 238.5200, 8.1246,
7.4370

■ 194.4160,
-88.4521, -2.9958

■ 239.7160, 7.5350,
9.8961

■ 191.8090,
-94.5618, -3.3405

■ 240.9120, 6.9454,
12.3552

Harmonies

Analogous

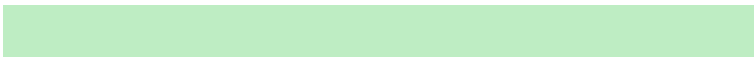
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.3730, -25.8199, 21.5979



221.8540, -22.1130, -0.7490



218.1590, -11.4174, -24.6954

Triad

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



221.8540, -22.1130, -0.7490



215.1430, 19.6495, -49.2374



223.9740, 2.9708, 27.2098

Complementary

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



221.8540, -22.1130, -0.7490



186.1460, 22.1130, 0.7490

Split Complementary

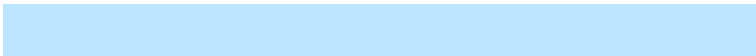
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.7332, 22.6512



221.8540, -22.1130, -0.7490



220.0040, 17.2530, -27.1905

Square

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



221.8540, -22.1130, -0.7490



213.7030, 16.9084, -56.7445



225.4850, 14.5509, -0.4253



221.5970, -8.6753, 29.2944

Rectangle

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



221.8540, -22.1130, -0.7490



216.1770, -2.0593, -39.6202



225.4850, 14.5509, -0.4253



225.5870, 6.6126, 25.7952

Sweetspot

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



221.8540, -22.1130, -0.7490



252.0510, -7.4201, -0.0447



199.0160, -10.8539, 28.0500



126.1480, -4.5100, -0.1298



0.0000, 0.0000, 0.0000



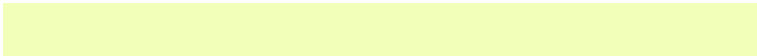
128.0000, 0.0000, 0.0000

Same Dimension

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



221.8540, -22.1130, -0.7490



243.0190, -29.0964, -0.8937



213.7810, -18.1330, -17.3479



113.0340, -4.9468, -0.0298



148.4280, -73.1750, -3.0064



42.4950, -20.9500, -0.4341

Inverse Universe

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



186.1460, 22.1130, 0.7490



195.9810, 29.0964, 0.8937



194.2190, 18.1330, 17.3479



104.9660, 4.9468, 0.0298



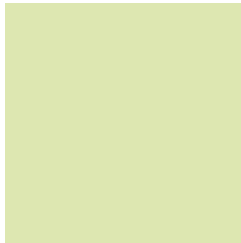
30.2730, 73.3224, 2.3916



8.5050, 20.9500, 0.4341

Previews

White Background



This preview shows how the YUV color 221.8540, -22.1130, -0.7490 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 221.8540, -22.1130, -0.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

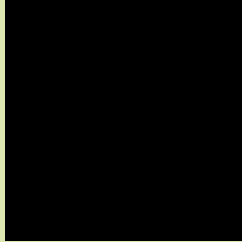
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

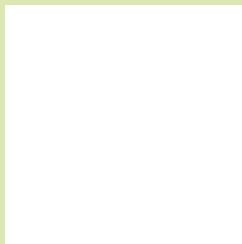
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.8540, -22.1130, -0.7490

Background



This preview shows how black text looks on a background with the YUV color 221.8540, -22.1130, -0.7490.



This preview shows how white text looks on a background with the YUV color 221.8540, -22.1130, -0.7490.

-0.7490.

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

221.8540, -22.1130, -0.7490

Protanopia

223.6710, -24.4878, 14.3205

Deuteranopia

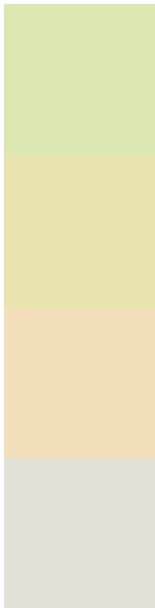
225.9850, -17.2476, 25.4462



Tritanopia

227.0310, 6.3937, 2.6038

Trichromacy



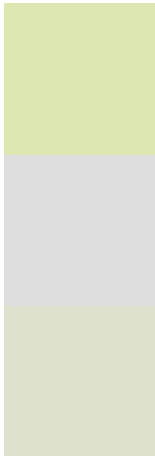
Original Color
221.8540, -22.1130, -0.7490

Protanomaly
222.8660, -23.5979, 8.8875

Deuteranomaly
224.7620, -19.1097, 15.9947

Tritanomaly
225.2730, -4.0786, 1.5146

Monochromacy



Original Color
221.8540, -22.1130, -0.7490

Achromatopsia
222.0000, 0.0000, 0.0000

Achromatomaly
221.9370, -7.8569, 0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8540, -22.1130, -0.7490 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(221, 231, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 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(221, 231, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 177) }
```

Border

The CSS property to change the border of an element to YUV 221.8540, -22.1130, -0.7490 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(221, 231, 177) }
```


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

```
.border{ border-color:rgb(221, 231, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 177);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 221.8540, -22.1130, -0.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 177) }
```

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

```
.background{ background-color: rgb(221,  
231, 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](#).

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