

Converting Colors

YUV(221.3810, -21.3868,
-0.3341)

Have a look what the booklet for
YUV(221.3810, -21.3868, -0.3341)
contains.

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Color

**YUV(221.3810, -21.3868,
-0.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6B2
RGB	221, 230, 178
RGB Percent	87%, 90%, 70%
CMY	0.1333, 0.0980, 0.3020
CMYK	0.04, 0.00, 0.23, 0.10
HSL	70°, 51%, 80%
HSV	70°, 23%, 90%
XYZ	66.1515, 75.1801, 53.1441
YIQ	221.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

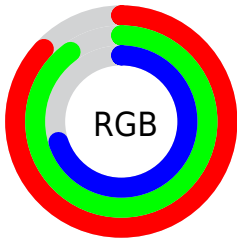
Format	Color
RYB	178, 230, 187
Decimal	14542514
CIELab	89.48, -11.54, 24.39
CIELCh	89, 26.981, 115.325
Yxy	75.1801, 0.3402, 0.3866
Android (android.graphics.Color)	4292732594 (0xFFDDE6B2)
YUV	221.3810, -21.3868, -0.3341
Hunter-Lab	86.7065, -15.5523, 24.3545

Details

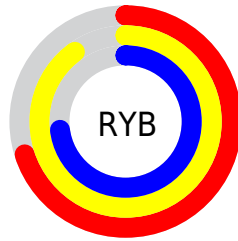
The YUV color **221.3810, -21.3868, -0.3341** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186.6190, 21.3868, 0.3341**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6060, -9.1728, 2.0995**, and **166.6090, -20.5132, -0.5341** is the 20% darker color. If you saturate the color by 10%, you get **217.5630, -30.8436, -0.4938**, and if you desaturate by 10%, it is **225.1990, -11.9301, -0.1745**.

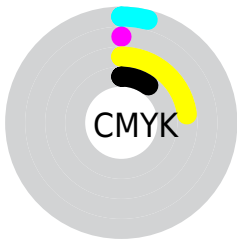
Distribution



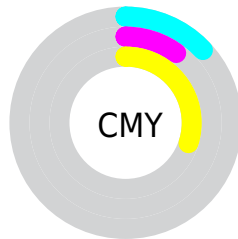
- Red (87%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3810, -21.3868, -0.3341 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 221.3810, -21.3868, -0.3341 by changing the saturation by 10% instead.

■ 221.3810,
-21.3868, -0.3341

■ 221.3810,
-21.3868, -0.3341

255.0000, 0.0000,
0.0000

■ 193.4950,
-20.9500, -0.4341

■ 252.6060, -9.1728,
2.0995

■ 166.6090,
-20.5132, -0.5341

■ 139.8370,
-19.6396, -0.7340

■ 114.0650,
-18.7660, -0.9340

■ 89.1790, -18.3292,
-1.0340

■ 65.9940, -17.7450,
-1.7487

■ 42.9940, -17.7450,

-1.7487

■ 23.5900, -11.6299,
-3.1484

■ 0.0000, 0.0000,
0.0000

■ 221.3810,
-21.3868, -0.3341

■ 221.3810,
-21.3868, -0.3341

■ 217.5630,
-30.8436, -0.4938

■ 225.1990,
-11.9301, -0.1745

■ 213.7450,
-40.3003, -0.6534

■ 229.0170, -2.4734,
-0.0149

■ 209.9270,
-49.7570, -0.8130

■ 232.8350, 6.9833,
0.1447

■ 206.1090,
-59.2137, -0.9726

■ 234.9430, 9.8881,
1.8040

■ 202.2910,
-68.6705, -1.1322

■ 236.1390, 9.2985,
4.2631

■ 198.4730,
-78.1272, -1.2918

■ 237.3350, 8.7088,
6.7222

■ 194.6550,
-87.5839, -1.4514

■ 238.5310, 8.1192,
9.1813

■ 191.8200,
-94.5673, -1.5961

■ 239.7270, 7.5296,
11.6404

■ 240.3250, 7.2348,
12.8700

Harmonies

Analogous

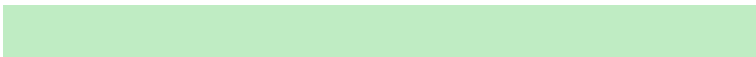
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.3020, -24.7989, 20.7831



221.3810, -21.3868, -0.3341



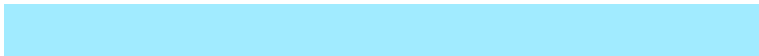
217.8710, -11.2754, -23.5659

Triad

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



221.3810, -21.3868, -0.3341



215.1540, 19.6441, -47.4931



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.



221.3810, -21.3868, -0.3341



186.6190, 21.3868, 0.3341

Split Complementary

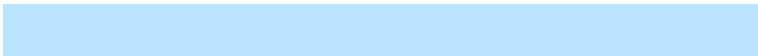
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.8730, 12.8806, 22.0364



221.3810, -21.3868, -0.3341



219.4170, 17.5424, -26.6757

Square

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



221.3810, -21.3868, -0.3341



213.7850, 15.8820, -54.1854



225.1860, 14.6983, -1.0401



221.5970, -8.6753, 29.2944

Rectangle

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



221.3810, -21.3868, -0.3341



216.0740, -2.5015, -37.7759



225.1860, 14.6983, -1.0401



225.5870, 6.6126, 25.7952

Sweetspot

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



221.3810, -21.3868, -0.3341



252.0510, -7.4201, -0.0447



198.8310, -10.2697, 27.3352



126.1480, -4.5100, -0.1298



0.0000, 0.0000, 0.0000



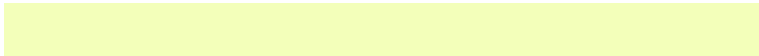
128.0000, 0.0000, 0.0000

Same Dimension

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



221.3810, -21.3868, -0.3341



243.5460, -28.3702, -0.4788



213.6070, -17.5543, -16.3183



113.0340, -4.9468, -0.0298



149.3250, -73.6172, -1.1620



42.4950, -20.9500, -0.4341

Inverse Universe

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



186.6190, 21.3868, 0.3341



197.4540, 28.3702, 0.4788



194.3930, 17.5543, 16.3183



104.9660, 4.9468, 0.0298



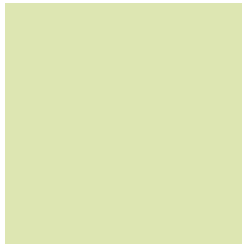
29.6750, 73.6172, 1.1620



8.5050, 20.9500, 0.4341

Previews

White Background



This preview shows how the YUV color 221.3810, -21.3868, -0.3341 looks on a white background.

Color Contrast Check

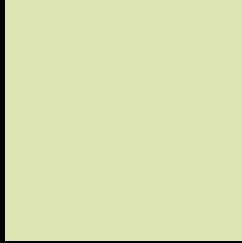
Large Text (above 18pt) WCAG AA × Fail

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 221.3810, -21.3868, -0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

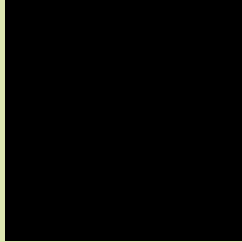
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

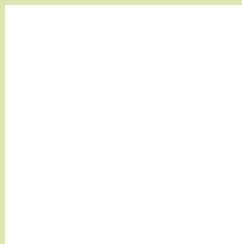
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.3810, -21.3868, -0.3341

Background



This preview shows how black text looks on a background with the YUV color 221.3810, -21.3868, -0.3341.



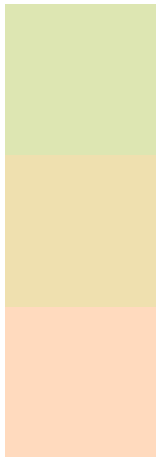
This preview shows how white text looks on a background with the YUV color 221.3810, -21.3868, -0.3341.

-0.3341.

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

221.3810, -21.3868, -0.3341

Protanopia

222.8990, -23.6142, 14.1206

Deuteranopia

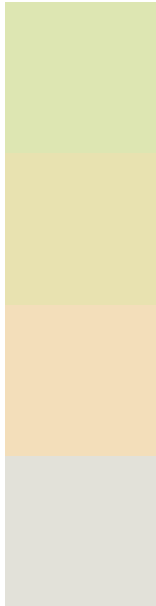
225.8710, -17.6844, 25.5461



Tritanopia

226.0310, 6.3937, 2.6038

Trichromacy



Original Color

221.3810, -21.3868, -0.3341

Protanomaly

222.0940, -22.7243, 8.6876

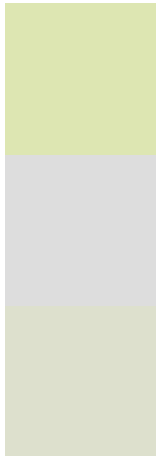
Deuteranomaly

224.1750, -18.8203, 16.5095

Tritanomaly

224.3870, -3.6418, 1.4146

Monochromacy



Original Color

221.3810, -21.3868, -0.3341

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9370, -7.8569, 0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3810, -21.3868, -0.3341 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, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 178)  
}
```

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, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 178) }
```

Border

The CSS property to change the border of an element to YUV 221.3810, -21.3868, -0.3341 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, 230, 178) }
```


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

```
.border{ border-color:rgb(221, 230, 178) }
```

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

Here you see how a box with a 4 pixel rgb(221, 230, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 221.3810, -21.3868, -0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 178) }
```

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

```
.background{ background-color: rgb(221,  
230, 178) }
```

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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