

Converting Colors

YUV(222.7130, -21.5505,
5.5137)

Have a look what the booklet for
YUV(222.7130, -21.5505, 5.5137)
contains.

YUV(222.7130, -21.5505, 5.5137)	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(222.7130, -21.5505,
5.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E4B3
RGB	229, 228, 179
RGB Percent	90%, 89%, 70%
CMY	0.1020, 0.1059, 0.2980
CMYK	0.00, 0.00, 0.22, 0.10
HSL	59°, 49%, 80%
HSV	59°, 22%, 90%
XYZ	68.1932, 75.3995, 53.6072
YIQ	222.7130, 16.3250, -15.0270

Conversions

Conversions Part 2

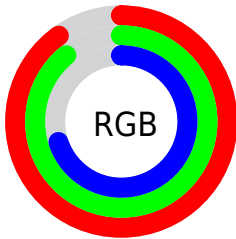
Format	Color
RYB	180, 229, 179
Decimal	15066291
CIELab	89.58, -7.47, 24.11
CIELCh	90, 25.240, 107.217
Yxy	75.3995, 0.3458, 0.3824
Android (android.graphics.Color)	4293256371 (0xFFE5E4B3)
YUV	222.7130, -21.5505, 5.5137
Hunter-Lab	86.8329, -11.7747, 24.1797

Details

The YUV color $222.7130, -21.5505, 5.5137$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.2870, 21.5505, -5.5137$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, -8.7360, 1.9996$, and $167.6420, -20.5295, 4.6990$ is the 20% darker color. If you saturate the color by 10%, you get $220.0910, -31.5969, 7.8132$, and if you desaturate by 10%, it is $225.3350, -11.5042, 3.2142$.

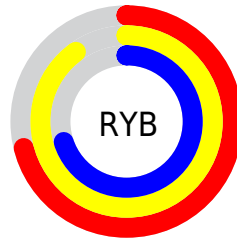
Distribution



Red (90%)

Green (89%)

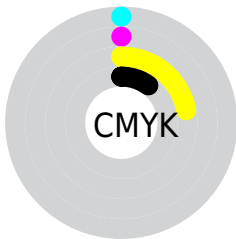
Blue (70%)



Red (71%)

Yellow (90%)

Blue (70%)

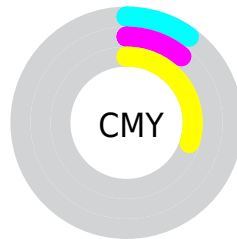


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7130, -21.5505, 5.5137 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 222.7130, -21.5505, 5.5137 by changing the saturation by 10% instead.

■ 222.7130,
-21.5505, 5.5137

■ 222.7130,
-21.5505, 5.5137

255.0000, 0.0000,
0.0000

■ 194.8270,
-21.1137, 5.4137

■ 252.7200, -8.7360,
1.9996

■ 167.6420,
-20.5295, 4.6990

■ 140.8700,
-19.6559, 4.4990

■ 115.0980,
-18.7823, 4.2991

■ 90.7990, -18.6349,
3.6843

■ 66.7280, -17.6139,
2.8695

■ 44.3150, -17.9033,

2.3547

■ 24.7970, -12.2249,
1.0550

■ 0.0000, 0.0000,
0.0000

■ 222.7130,
-21.5505, 5.5137

■ 222.7130,
-21.5505, 5.5137

■ 220.0910,
-31.5969, 7.8132

■ 225.3350,
-11.5042, 3.2142

■ 216.8820,
-41.3538, 10.6275

■ 228.5440, -1.7472,
0.3999

■ 214.2600,
-51.4002, 12.9270

■ 231.1660, 8.2992,
-1.8996

■ 211.0510,
-61.1571, 15.7413

■ 232.5510, 11.0674,
-3.1142

■ 208.4290,
-71.2035, 18.0408

■ 233.1380, 10.7780,
-3.6290

■ 205.3340,
-80.5237, 20.7551

■ 233.7250, 10.4886,
-4.1438

■ 202.7120,
-90.5700, 23.0546

■ 199.9590,
-98.5798, 25.4690

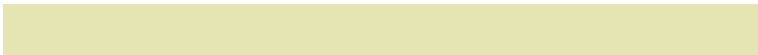
Harmonies

Analogous

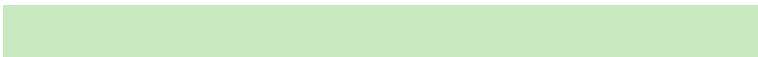
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.1930, -22.7731, 24.3867



222.7130, -21.5505, 5.5137



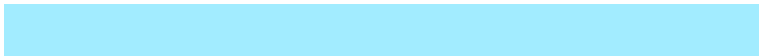
219.3450, -13.4811, -16.0886

Triad

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



222.7130, -21.5505, 5.5137



216.0400, 19.2073, -47.3931



225.9460, 5.4496, 25.4804

Complementary

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



222.7130, -21.5505, 5.5137



185.2870, 21.5505, -5.5137

Split Complementary

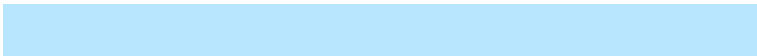
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.8290, 12.9023, 15.0590



222.7130, -21.5505, 5.5137



219.0960, 17.7007, -30.7792

Square

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



222.7130, -21.5505, 5.5137



215.3790, 11.6452, -48.5674



224.5550, 15.0094, -7.5027



222.5090, -5.1809, 28.4946

Rectangle

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



222.7130, -21.5505, 5.5137



217.6190, -5.7282, -29.4839



224.5550, 15.0094, -7.5027



227.3310, 8.2178, 24.2657

Sweetspot

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



222.7130, -21.5505, 5.5137



252.9480, -7.8624, 1.7996



194.1780, -6.4968, 30.5389



126.1590, -4.5154, 1.6146



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.



222.7130, -21.5505, 5.5137



246.8890, -28.5393, 7.1133



216.4230, -18.4495, -9.1410



113.6320, -5.2416, 1.1997



156.2460, -77.0293, 19.9553



44.5990, -21.9873, 5.6137

Inverse Universe

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



185.2870, 21.5505, -5.5137



197.1110, 28.5393, -7.1133



191.5770, 18.4495, 9.1410



104.9550, 4.9522, -1.7145



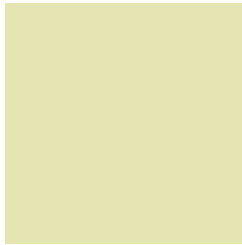
22.7540, 77.0293, -19.9553



6.4010, 21.9873, -5.6137

Previews

White Background



This preview shows how the YUV color 222.7130, -21.5505, 5.5137 looks on a white background.

Color Contrast Check

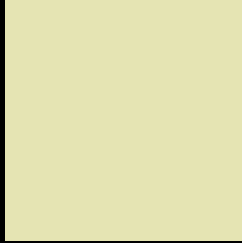
Large Text (above 18pt) WCAG AA × Fail

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 222.7130, -21.5505, 5.5137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

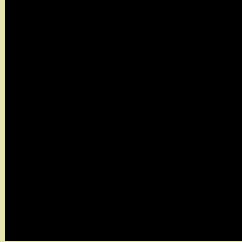
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

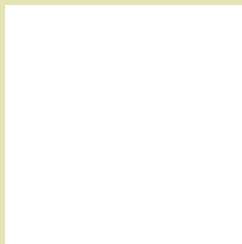
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.7130, -21.5505, 5.5137

Background



This preview shows how black text looks on a background with the YUV color 222.7130, -21.5505, 5.5137.



This preview shows how white text looks on a background with the YUV color 222.7130, -21.5505, 5.5137.

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

222.7130, -21.5505, 5.5137

Protanopia

223.7140, -23.0300, 13.4058

Deuteranopia

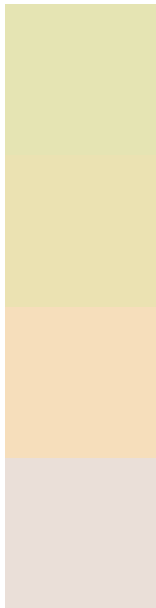
225.9850, -17.2476, 25.4462



Tritanopia

227.0210, 4.9196, 8.7516

Trichromacy



Original Color

222.7130, -21.5505, 5.5137

Protanomaly

223.2190, -22.2930, 10.3319

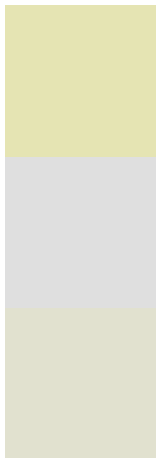
Deuteranomaly

225.1860, -18.8257, 18.2539

Tritanomaly

225.4910, -4.6791, 7.4624

Monochromacy



Original Color

222.7130, -21.5505, 5.5137

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9480, -7.8624, 1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7130, -21.5505, 5.5137 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(229, 228, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 179)  
}
```

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(229, 228, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 179) }
```

Border

The CSS property to change the border of an element to YUV 222.7130, -21.5505, 5.5137 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(229, 228, 179) }
```


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

```
.border{ border-color:rgb(229, 228, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 228, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 228, 179); box-shadow:4px 4px 4px 4px rgb(229, 228, 179) }
```

Background

The CSS property to change the background color of an element to YUV 222.7130, -21.5505, 5.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 179) }
```

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

```
.background{ background-color: rgb(229,  
228, 179) }
```

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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