

Converting Colors

YUV(222.2230, -21.8019,
-7.2116)

Have a look what the booklet for
YUV(222.2230, -21.8019, -7.2116)
contains.

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Color

**YUV(222.2230, -21.8019,
-7.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EBB2
RGB	214, 235, 178
RGB Percent	84%, 92%, 70%
CMY	0.1608, 0.0784, 0.3020
CMYK	0.09, 0.00, 0.24, 0.08
HSL	82°, 59%, 81%
HSV	82°, 24%, 92%
XYZ	65.4758, 76.9272, 53.5170
YIQ	222.2230, 5.7810, -22.1790

Conversions

Conversions Part 2

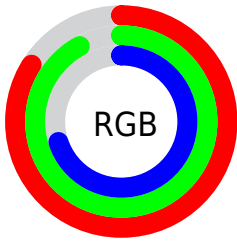
Format	Color
RYB	178, 235, 199
Decimal	14085042
CIELab	90.29, -16.55, 25.42
CIELCh	90, 30.332, 123.068
Yxy	76.9272, 0.3342, 0.3926
Android (android.graphics.Color)	4292275122 (0xFFD6EBB2)
YUV	222.2230, -21.8019, -7.2116
Hunter-Lab	87.7081, -20.2356, 25.2186

Details

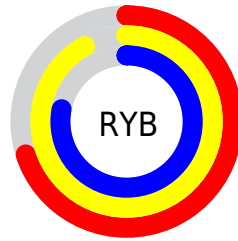
The YUV color **222.2230, -21.8019, -7.2116** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **190.7770, 21.8019, 7.2116**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6060, -9.1728, 2.0995**, and **166.8640, -20.6390, -6.8967** is the 20% darker color. If you saturate the color by 10%, you get **216.9100, -30.5216, -10.4451**, and if you desaturate by 10%, it is **227.6500, -12.6454, -4.0780**.

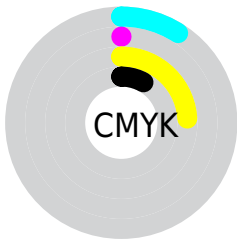
Distribution



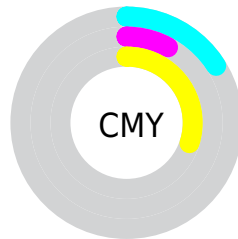
- Red (84%)
- Green (92%)
- Blue (70%)



- Red (70%)
- Yellow (92%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2230, -21.8019, -7.2116 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 222.2230, -21.8019, -7.2116 by changing the saturation by 10% instead.

■ 222.2230,
-21.8019, -7.2116

■ 222.2230,
-21.8019, -7.2116

255.0000, 0.0000,
0.0000

■ 194.3370,
-21.3651, -7.3115

■ 252.6060, -9.1728,
2.0995

■ 166.8640,
-20.6390, -6.8967

■ 140.0920,
-19.7654, -7.0967

■ 114.5050,
-19.4760, -6.5819

■ 89.7330, -18.6024,
-6.7818

■ 65.9610, -17.7288,
-6.9818

■ 43.5480, -18.0182,

-7.4966

■ 23.2580, -11.4662,
-8.9963

■ 1.1740, -0.5788,
-1.0296

■ 222.2230,
-21.8019, -7.2116

■ 222.2230,
-21.8019, -7.2116

■ 216.9100,
-30.5216, -10.4451

■ 227.6500,
-12.6454, -4.0780

■ 211.7820,
-39.8255, -12.9638

■ 232.6640, -3.7784,
-1.4593

■ 206.4690,
-48.5452, -16.1973

■ 238.0910, 5.3781,
1.6742

■ 201.0420,
-57.7017, -19.3308

■ 241.4660, 6.6723,
6.6073

■ 195.9140,
-67.0056, -21.8496

■ 243.2600, 5.7878,
10.2960

■ 190.6010,
-75.7253, -25.0831

■ 185.2880,
-84.4450, -28.3166

■ 182.1970,
-89.8231, -29.9908

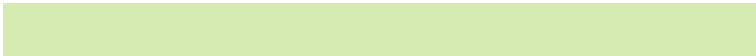
Harmonies

Analogous

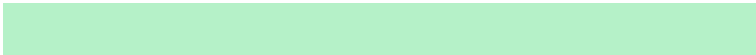
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.4820, -27.8456, 17.9943



222.2230, -21.8019, -7.2116



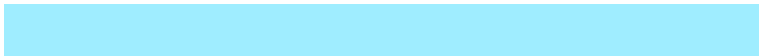
218.3860, -9.0643, -32.7875

Triad

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



222.2230, -21.8019, -7.2116



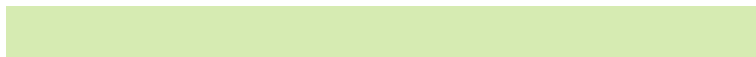
215.7300, 19.3601, -49.7522



222.8170, 1.0762, 28.2245

Complementary

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



222.2230, -21.8019, -7.2116



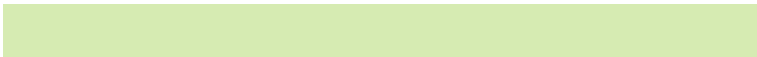
190.7770, 21.8019, 7.2116

Split Complementary

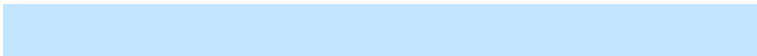
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.4710, 12.5858, 23.2659



222.2230, -21.8019, -7.2116



222.0970, 16.2212, -22.8871

Square

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



222.2230, -21.8019, -7.2116



213.8810, 20.2717, -62.1626



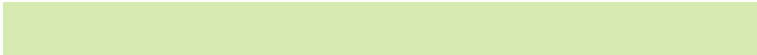
228.1870, 13.2188, 6.8520



221.3860, -12.0223, 29.4795

Rectangle

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



222.2230, -21.8019, -7.2116



215.7460, 1.6042, -48.0122



228.1870, 13.2188, 6.8520



224.5440, 5.1548, 26.7099

Sweetspot

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



222.2230, -21.8019, -7.2116



250.8550, -6.8305, -2.5038



207.3700, -14.4794, 24.2315



125.5500, -4.2151, -1.3593



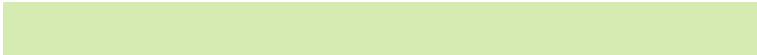
0.0000, 0.0000, 0.0000



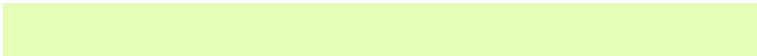
128.0000, 0.0000, 0.0000

Same Dimension

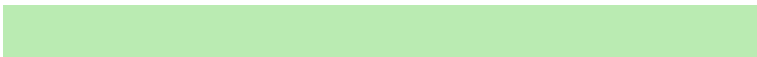
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.2230, -21.8019, -7.2116



238.4910, -28.3431, -9.2006



213.8510, -17.6745, -24.4253



114.5500, -4.2152, -1.3594



140.3330, -69.1842, -23.0940



41.8640, -20.6390, -6.8967

Inverse Universe

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



190.7770, 21.8019, 7.2116



197.5090, 28.3431, 9.2006



199.1490, 17.6745, 24.4253



108.4500, 4.2152, 1.3594



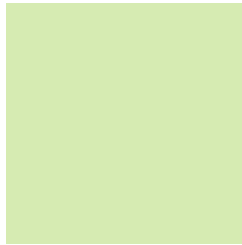
40.6670, 69.1842, 23.0940



12.1360, 20.6390, 6.8967

Previews

White Background



This preview shows how the YUV color 222.2230, -21.8019, -7.2116 looks on a white background.

Color Contrast Check

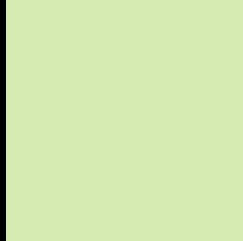
Large Text (above 18pt) WCAG AA × Fail

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 222.2230, -21.8019, -7.2116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

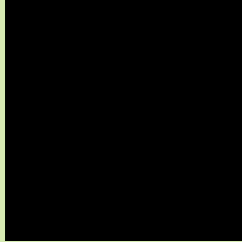
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

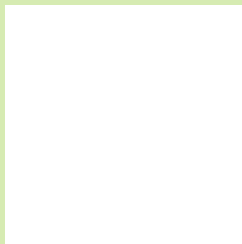
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.2230, -21.8019, -7.2116

Background



This preview shows how black text looks on a background with the YUV color 222.2230, -21.8019, -7.2116.



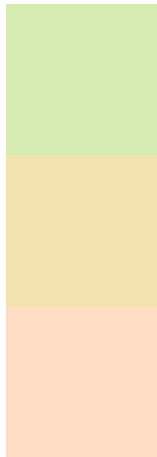
This preview shows how white text looks on a background with the YUV color 222.2230, -21.8019, -7.2116.

-7.2116.

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

222.2230, -21.8019, -7.2116

Protanopia

225.4430, -25.3614, 14.5205

Deuteranopia

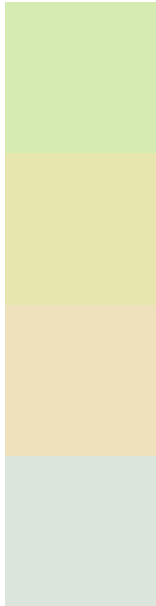
227.6150, -16.0792, 24.0166



Tritanopia

227.1550, 8.3046, -3.6439

Trichromacy



Original Color

222.2230, -21.8019, -7.2116

Protanomaly

224.3280, -24.3187, 6.7283

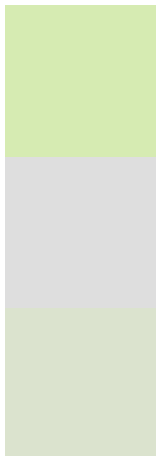
Deuteranomaly

225.3810, -17.9358, 12.8209

Tritanomaly

225.2830, -2.6045, -4.6332

Monochromacy



Original Color

222.2230, -21.8019, -7.2116

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.2140, -7.9935, -2.8187

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2230, -21.8019, -7.2116 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(214, 235, 178)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 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(214, 235, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 178) }
```

Border

The CSS property to change the border of an element to YUV 222.2230, -21.8019, -7.2116 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(214, 235, 178) }
```


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

```
.border{ border-color:rgb(214, 235, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 178);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 222.2230, -21.8019, -7.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 178) }
```

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

```
.background{ background-color: rgb(214,  
235, 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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