

Converting Colors

YUV(245.2200, -7.0105, 8.5771)

Have a look what the booklet for
YUV(245.2200, -7.0105, 8.5771)
contains.

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Color

**YUV(245.2200, -7.0105,
8.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3E7
RGB	255, 243, 231
RGB Percent	100%, 95%, 91%
CMY	0.0000, 0.0471, 0.0941
CMYK	0.00, 0.05, 0.09, 0.00
HSL	30°, 100%, 95%
HSV	30°, 9%, 100%
XYZ	87.7144, 91.1307, 88.5682
YIQ	245.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

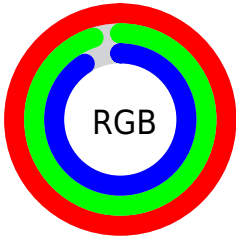
Format	Color
R _Y B	255, 255, 231
Decimal	16774119
CIE Lab	96.46, 2.04, 7.21
CIE LCh	96, 7.490, 74.205
Yxy	91.1307, 0.3280, 0.3408
Android (android.graphics.Color)	4294964199 (0xFFFFF3E7)
YUV	245.2200, -7.0105, 8.5771
Hunter-Lab	95.4624, -3.0468, 11.8155

Details

The YUV color $245.2200, -7.0105, 8.5771$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.7800, 7.0105, -8.5771$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.9210, -6.8631, 7.9623$ is the 20% darker color. If you saturate the color by 10%, you get $234.7390, -14.1683, 17.7689$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

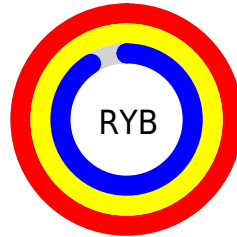
Distribution



Red (100%)

Green (95%)

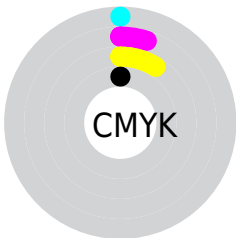
Blue (91%)



Red (100%)

Yellow (100%)

Blue (91%)

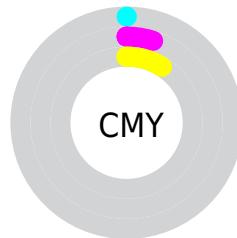


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 245.2200, -7.0105, 8.5771 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 245.2200, -7.0105, 8.5771 by changing the saturation by 10% instead.


 245.2200, -7.0105,
8.5771


 245.2200, -7.0105,
8.5771


255.0000, 0.0000,
0.0000


 216.9210, -6.8631,
7.9623

 188.9210, -6.8631,
7.9623

 162.0350, -6.4263,
7.8623

 135.7360, -6.2788,
7.2475

 110.7360, -6.2788,
7.2475

 85.8500, -5.8420,
7.1476

 62.6650, -5.2578,

6.4328

■ 40.4800, -4.6736,
5.7180

■ 19.9100, -6.8576,
6.2179

■ 245.2200, -7.0105,
8.5771

■ 245.2200, -7.0105,
8.5771

■ 234.7390,
-14.1683, 17.7689

255.0000, 0.0000,
0.0000

■ 224.1440,
-21.7630, 27.0607

■ 214.2500,
-29.2102, 35.7377

■ 203.6550,
-36.8049, 45.0296

■ 193.1740,
-43.9628, 54.2214

■ 182.5790,
-51.5574, 63.5132

■ 172.6850,
-59.0047, 72.1903

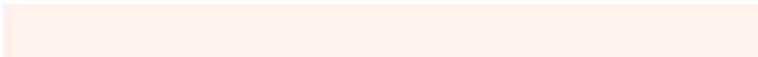
■ 162.0900,
-66.5994, 81.4821

■ 151.6090,
-73.7572, 90.6739

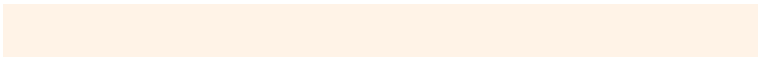
Harmonies

Analogous

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



244.5020, -4.6845, 9.2067



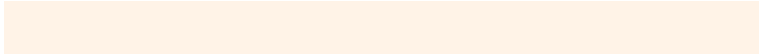
245.2200, -7.0105, 8.5771



244.0020, -6.4100, 2.6292

Triad

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



245.2200, -7.0105, 8.5771



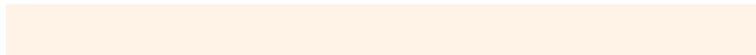
242.6070, 2.6587, -12.8103



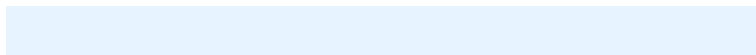
246.1730, 4.3517, 4.2333

Complementary

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



245.2200, -7.0105, 8.5771



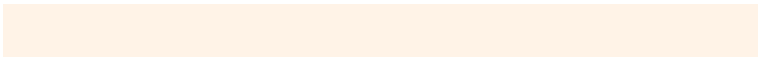
240.7800, 7.0105, -8.5771

Split Complementary

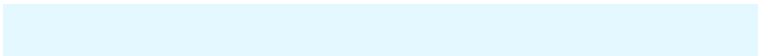
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.6560, 5.0996, -2.3293



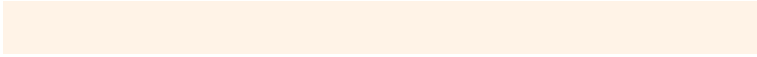
245.2200, -7.0105, 8.5771



242.8180, 6.0057, -12.9954

Square

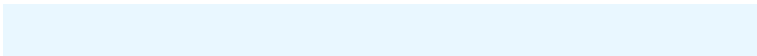
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.2200, -7.0105, 8.5771



243.0050, -0.9885, -9.6514



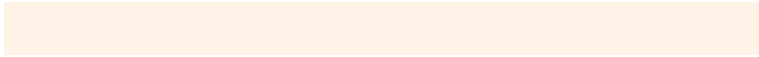
243.7260, 5.5581, -9.4067



245.5110, 1.7201, 8.3219

Rectangle

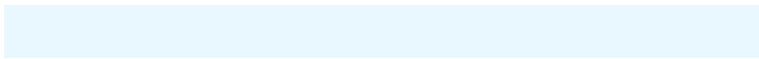
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.2200, -7.0105, 8.5771



243.9090, -5.3781, -1.6742



243.7260, 5.5581, -9.4067



245.8630, 4.5045, 1.8741

Sweetspot

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



245.2200, -7.0105, 8.5771



251.7400, -2.3368, 2.8590



239.5440, 1.7038, 13.5549



125.5550, -1.7526, 2.1443



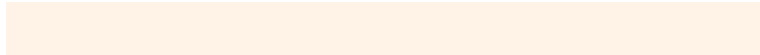
0.0000, 0.0000, 0.0000



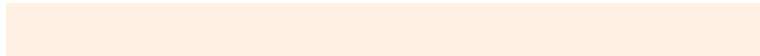
128.0000, 0.0000, 0.0000

Same Dimension

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



245.2200, -7.0105, 8.5771



243.5900, -8.1789, 10.0066



252.2640, -10.4832, 2.3995



122.4090, -3.6526, 4.9033



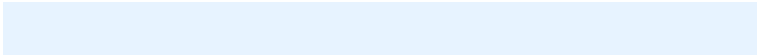
113.4610, -55.9363, 68.0017



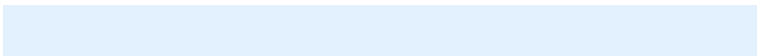
37.9200, -18.6946, 22.8722

Inverse Universe

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



240.7800, 7.0105, -8.5771



238.4100, 8.1789, -10.0066



233.7360, 10.4832, -2.3995



120.0040, 3.9420, -4.3885



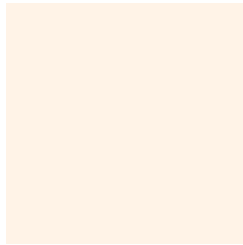
78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 245.2200, -7.0105, 8.5771 looks on a white background.

Color Contrast Check

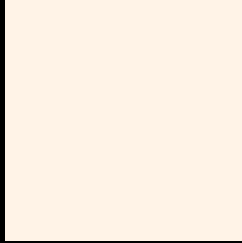
Large Text (above 18pt) WCAG AA × Fail

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 245.2200, -7.0105, 8.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

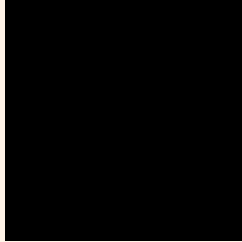
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.2200, -7.0105, 8.5771

Background



This preview shows how black text looks on a background with the YUV color 245.2200, -7.0105, 8.5771.



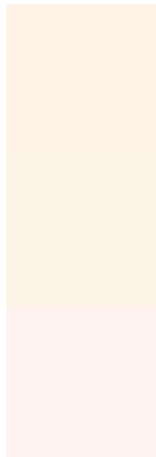
This preview shows how white text looks on a background with the YUV color 245.2200, -7.0105,

8.5771.

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

245.2200, -7.0105, 8.5771

Protanopia

244.9100, -6.8576, 6.2179

Deuteranopia

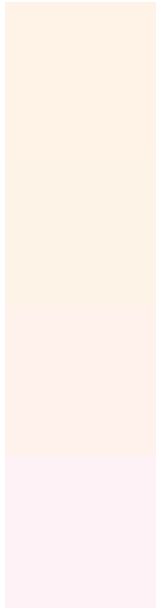
245.7730, -2.3531, 8.0921



Tritanopia

246.6680, 3.6147, 7.3072

Trichromacy



Original Color

245.2200, -7.0105, 8.5771

Protanomaly

245.2090, -7.0050, 6.8327

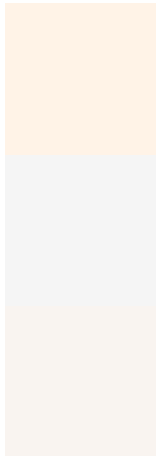
Deuteranomaly

245.3170, -4.1003, 8.4920

Tritanomaly

246.3430, -0.1691, 7.5922

Monochromacy



Original Color

245.2200, -7.0105, 8.5771

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.2200, -7.0105, 8.5771 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(255, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 231)  
}
```

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(255, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 231) }
```

Border

The CSS property to change the border of an element to YUV 245.2200, -7.0105, 8.5771 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(255, 243, 231) }
```


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

```
.border{ border-color:rgb(255, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 245.2200, -7.0105, 8.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 231) }
```

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

```
.background{ background-color: rgb(255,  
243, 231) }
```

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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