

Converting Colors

YUV(229.4890, -15.0311,
14.4801)

Have a look what the booklet for
YUV(229.4890, -15.0311, 14.4801)
contains.

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Color

**YUV(229.4890, -15.0311,
14.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E3C7
RGB	246, 227, 199
RGB Percent	96%, 89%, 78%
CMY	0.0353, 0.1098, 0.2196
CMYK	0.00, 0.08, 0.19, 0.04
HSL	36°, 72%, 87%
HSV	36°, 19%, 96%
XYZ	75.7839, 78.6545, 65.2204
YIQ	229.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

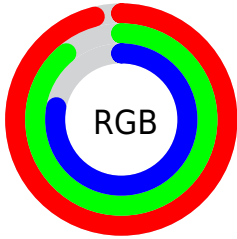
Format	Color
R _Y B	231, 246, 199
Decimal	16180167
CIE Lab	91.08, 2.10, 16.02
CIE LCh	91, 16.161, 82.534
Yxy	78.6545, 0.3450, 0.3581
Android (android.graphics.Color)	4294370247 (0xFFFF6E3C7)
YUV	229.4890, -15.0311, 14.4801
Hunter-Lab	88.6874, -2.6736, 18.4795

Details

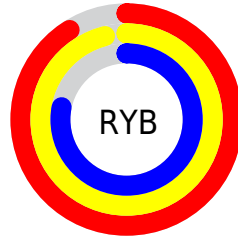
The YUV color $229.4890, -15.0311, 14.4801$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $215.5110, 15.0311, -14.4801$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.0050, -14.2995, 13.1506$ is the 20% darker color. If you saturate the color by 10%, you get $220.7690, -23.0571, 22.1276$, and if you desaturate by 10%, it is $238.2090, -7.0050, 6.8327$.

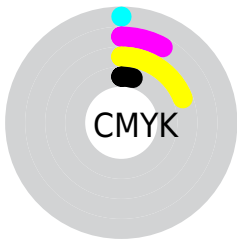
Distribution



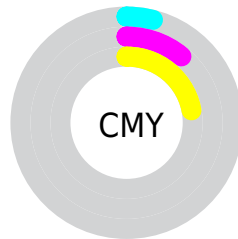
- Red (96%)
- Green (89%)
- Blue (78%)



- Red (91%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.4890, -15.0311, 14.4801 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 229.4890, -15.0311, 14.4801 by changing the saturation by 10% instead.

■ 229.4890,
-15.0311, 14.4801

■ 229.4890,
-15.0311, 14.4801

255.0000, 0.0000,
0.0000

■ 201.3040,
-14.4469, 13.7654

■ 174.0050,
-14.2995, 13.1506

■ 147.1190,
-13.8627, 13.0506

■ 121.9340,
-13.2785, 12.3359

■ 96.7490, -12.6943,
11.6211

■ 72.5640, -12.1101,
10.9064

■ 50.0800, -11.3784,

9.5768

■ 28.2110, -13.4150,
9.4620

■ 4.4630, -2.2003,
5.7329

■ 229.4890,
-15.0311, 14.4801

■ 229.4890,
-15.0311, 14.4801

■ 220.7690,
-23.0571, 22.1276

■ 238.2090, -7.0050,
6.8327

■ 212.1630,
-30.6464, 29.6750

■ 246.8150, 0.5842,
-0.7148

■ 203.4430,
-38.6724, 37.3225

■ 252.3090, 1.3267,
-5.5330

■ 194.8370,
-46.2616, 44.8700

■ 186.1170,
-54.2877, 52.5174

■ 177.3970,
-62.3137, 60.1648

■ 168.7910,
-69.9030, 67.7123

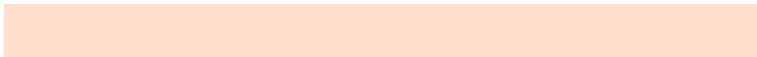
■ 160.0710,
-77.9290, 75.3597

■ 159.8430,
-78.8026, 75.5597

Harmonies

Analogous

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



229.9290, -12.2900, 21.9873



229.4890, -15.0311, 14.4801



227.5690, -13.0985, 1.2550

Triad

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



229.4890, -15.0311, 14.4801



223.9900, 8.3859, -29.8092



232.1400, 7.8190, 12.1552

Complementary

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



229.4890, -15.0311, 14.4801



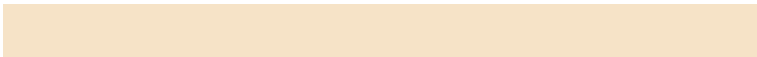
215.5110, 15.0311, -14.4801

Split Complementary

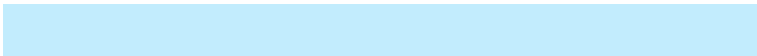
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.4910, 12.0829, -2.1846



229.4890, -15.0311, 14.4801



225.3800, 13.6167, -27.5203

Square

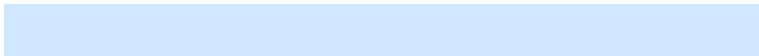
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.4890, -15.0311, 14.4801



224.2590, 0.3653, -23.9061



227.4460, 13.5841, -17.0541



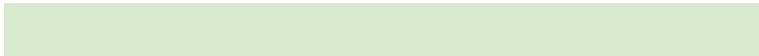
231.4740, 1.2453, 20.6323

Rectangle

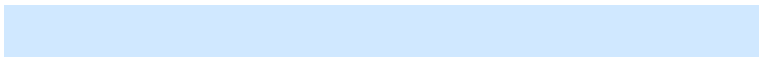
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4890, -15.0311, 14.4801



226.3120, -10.0138, -8.1666



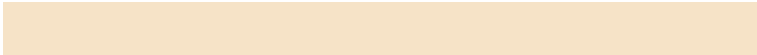
227.4460, 13.5841, -17.0541



231.3890, 10.1612, 7.5518

Sweetspot

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



229.4890, -15.0311, 14.4801



249.7680, -4.8156, 4.5885



215.3330, 1.8078, 26.8950



124.6260, -2.7736, 2.9590



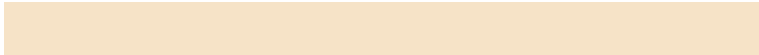
0.0000, 0.0000, 0.0000



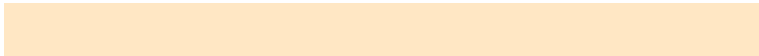
128.0000, 0.0000, 0.0000

Same Dimension

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



229.4890, -15.0311, 14.4801



234.1860, -18.8257, 18.2539



239.4460, -19.9399, 2.2399



117.6970, -3.7946, 3.7737



120.7710, -59.5401, 57.2058



38.1860, -18.8257, 18.2539

Inverse Universe

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



215.5110, 15.0311, -14.4801



216.8140, 18.8257, -18.2539



205.5540, 19.9399, -2.2399



114.3030, 3.7946, -3.7737



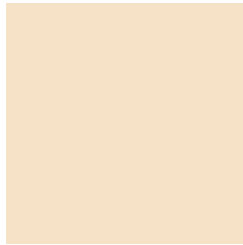
65.2290, 59.5401, -57.2058



20.8140, 18.8257, -18.2539

Previews

White Background



This preview shows how the YUV color 229.4890, -15.0311, 14.4801 looks on a white background.

Color Contrast Check

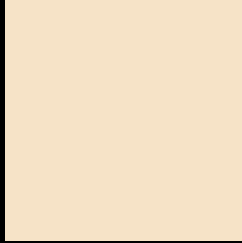
Large Text (above 18pt) WCAG AA × Fail

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 229.4890, -15.0311, 14.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

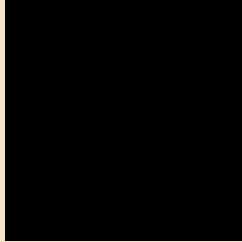
Any Text WCAG AA ✓ Pass

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 229.4890, -15.0311, 14.4801 Background



This preview shows how black text looks on a background with the YUV color 229.4890, -15.0311, 14.4801.

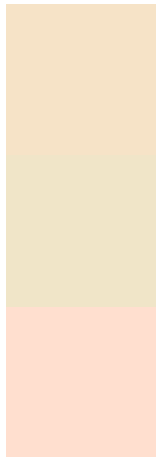


This preview shows how white text looks on a background with the YUV color 229.4890, -15.0311, 14.4801.

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

229.4890, -15.0311, 14.4801

Protanopia

228.9830, -14.2886, 9.6619

Deuteranopia

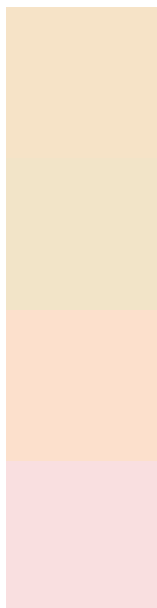
230.7440, -11.7058, 21.2725



Tritanopia

232.0220, 3.4402, 16.6437

Trichromacy



Original Color

229.4890, -15.0311, 14.4801

Protanomaly

228.9940, -14.2940, 11.4063

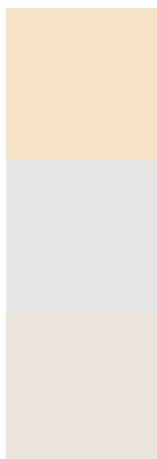
Deuteranomaly

230.0920, -12.8634, 19.2133

Tritanomaly

230.8880, -3.3958, 15.8842

Monochromacy



Original Color

229.4890, -15.0311, 14.4801

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.4890, -15.0311, 14.4801 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(246, 227, 199)` looks like.

```
.text, #text, p{  
  color:rgb(246, 227, 199)  
}
```

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(246, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 199) }
```

Border

The CSS property to change the border of an element to YUV 229.4890, -15.0311, 14.4801 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(246, 227, 199) }
```


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

```
.border{ border-color:rgb(246, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 199);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 229.4890, -15.0311, 14.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 199) }
```

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

```
.background{ background-color: rgb(246,  
227, 199) }
```

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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