

Converting Colors

YUV(235.9130, -14.7471,
16.7393)

Have a look what the booklet for
YUV(235.9130, -14.7471, 16.7393)
contains.

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Color

**YUV(235.9130, -14.7471,
16.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8CE
RGB	255, 232, 206
RGB Percent	100%, 91%, 81%
CMY	0.0000, 0.0902, 0.1922
CMYK	0.00, 0.09, 0.19, 0.00
HSL	32°, 100%, 90%
HSV	32°, 19%, 100%
XYZ	81.2372, 83.4295, 70.2144
YIQ	235.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

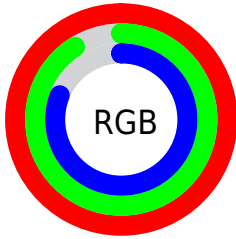
Format	Color
R_{YB}	249, 255, 206
Decimal	16771278
CIE _{Lab}	93.20, 3.81, 15.49
CIE _{LCh}	93, 15.951, 76.189
Yxy	83.4295, 0.3459, 0.3552
Android (android.graphics.Color)	4294961358 (0xFFFFE8CE)
YUV	235.9130, -14.7471, 16.7393
Hunter-Lab	91.3397, -1.0873, 18.3606

Details

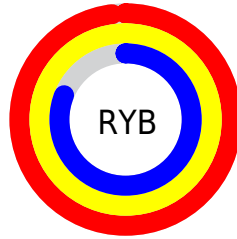
The YUV color $235.9130, -14.7471, 16.7393$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $225.0870, 14.7471, -16.7393$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.8420, -13.7261, 15.9246$ is the 20% darker color. If you saturate the color by 10%, you get $225.9050, -22.6312, 25.5163$, and if you desaturate by 10%, it is $245.9210, -6.8631, 7.9623$.

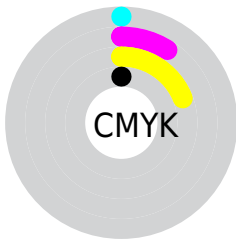
Distribution



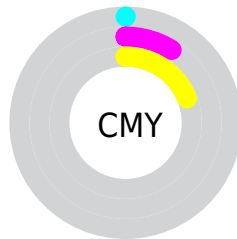
- Red (100%)
- Green (91%)
- Blue (81%)



- Red (98%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.9130, -14.7471, 16.7393 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 235.9130, -14.7471, 16.7393 by changing the saturation by 10% instead.

235.9130,
-14.7471, 16.7393

235.9130,
-14.7471, 16.7393

255.0000, 0.0000,
0.0000

207.6140,
-14.5997, 16.1245

179.8420,
-13.7261, 15.9246

153.2440,
-13.4313, 14.6950

127.3580,
-12.9945, 14.5950

102.1730,
-12.4103, 13.8803

77.6890, -11.6787,
12.5507

55.0910, -11.3839,

11.3212

■ 33.3790, -11.5258,
10.1916

■ 11.5730, -5.7055,
10.0215

■ 235.9130,
-14.7471, 16.7393

■ 235.9130,
-14.7471, 16.7393

■ 225.9050,
-22.6312, 25.5163

■ 245.9210, -6.8631,
7.9623

■ 216.0110,
-30.0784, 34.1934

255.0000, 0.0000,
0.0000

■ 206.1170,
-37.5257, 42.8704

■ 196.1090,
-45.4097, 51.6474

■ 186.2150,
-52.8570, 60.3244

■ 176.2070,
-60.7411, 69.1015

■ 166.1990,
-68.6251, 77.8785

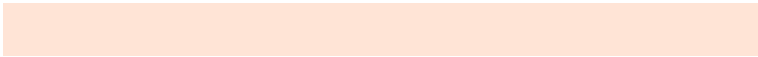
■ 156.3050,
-76.0724, 86.5555

■ 155.4900,
-76.6566, 87.2703

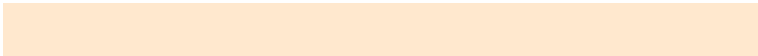
Harmonies

Analogous

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



234.4770, -10.0952, 17.9987



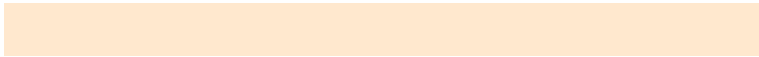
235.9130, -14.7471, 16.7393



234.0640, -13.8356, 4.3289

Triad

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



235.9130, -14.7471, 16.7393



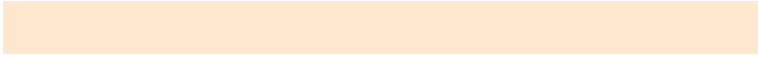
230.4200, 6.2019, -29.3093



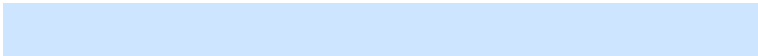
237.9440, 8.4086, 9.6961

Complementary

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



235.9130, -14.7471, 16.7393



225.0870, 14.7471, -16.7393

Split Complementary

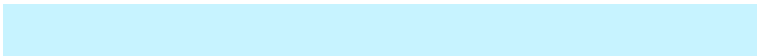
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.1980, 9.7624, -4.5586



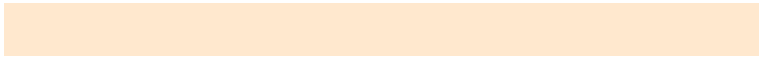
235.9130, -14.7471, 16.7393



231.2120, 11.7275, -28.2499

Square

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



235.9130, -14.7471, 16.7393



230.8140, -1.3873, -21.7619



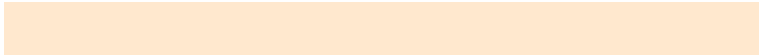
232.4520, 11.1162, -18.8134



236.6090, 3.1508, 16.1289

Rectangle

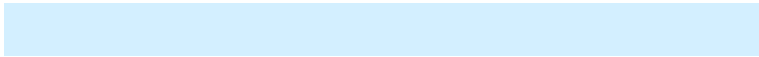
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.9130, -14.7471, 16.7393



232.6930, -11.1876, -4.9928



232.4520, 11.1162, -18.8134



237.3240, 8.7143, 4.9779

Sweetspot

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



235.9130, -14.7471, 16.7393



249.1810, -4.5262, 5.1033



223.3870, 3.2602, 27.7246



124.0390, -2.4842, 3.4738



0.0000, 0.0000, 0.0000



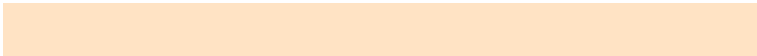
128.0000, 0.0000, 0.0000

Same Dimension

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



235.9130, -14.7471, 16.7393



231.8380, -17.6681, 20.3131



249.1150, -21.2557, 4.2841



122.9960, -3.9420, 4.3885



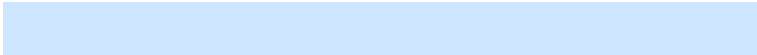
116.3960, -57.3832, 65.4277



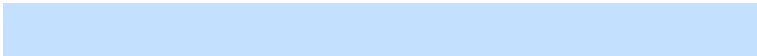
39.0940, -19.2733, 21.8426

Inverse Universe

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



225.0870, 14.7471, -16.7393



219.1620, 17.6681, -20.3131



211.8850, 21.2557, -4.2841



120.0040, 3.9420, -4.3885



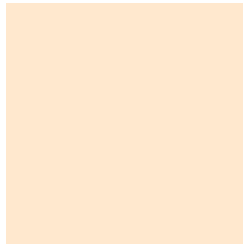
74.6040, 57.3832, -65.4277



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 235.9130, -14.7471, 16.7393 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 235.9130, -14.7471, 16.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

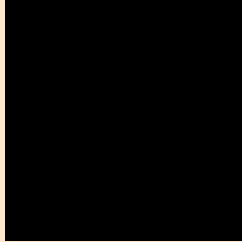
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.9130, -14.7471, 16.7393

Background



This preview shows how black text looks on a background with the YUV color 235.9130, -14.7471, 16.7393.

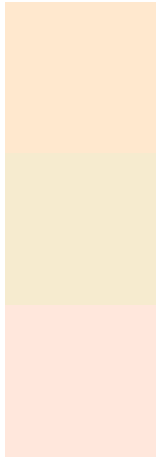


This preview shows how white text looks on a background with the YUV color 235.9130, -14.7471, 16.7393.

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

235.9130, -14.7471, 16.7393

Protanopia

235.0970, -13.8518, 9.5619

Deuteranopia

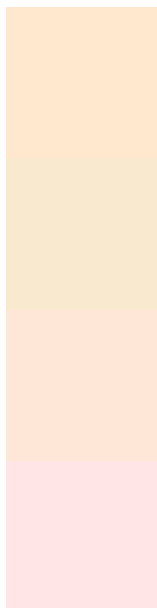
236.9220, -8.3425, 15.8544



Tritanopia

237.6690, 2.1352, 15.1993

Trichromacy



Original Color

235.9130, -14.7471, 16.7393

Protanomaly

235.4070, -14.0047, 11.9211

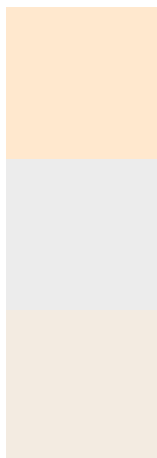
Deuteranomaly

236.3520, -10.5265, 16.3543

Tritanomaly

236.7740, -3.8326, 15.9842

Monochromacy



Original Color

235.9130, -14.7471, 16.7393

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.2520, -5.5472, 5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9130, -14.7471, 16.7393 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, 232, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 206)  
}
```

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, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 206) }
```

Border

The CSS property to change the border of an element to YUV 235.9130, -14.7471, 16.7393 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, 232, 206) }
```


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

```
.border{ border-color:rgb(255, 232, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 235.9130, -14.7471, 16.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 206) }
```

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

```
.background{ background-color: rgb(255,  
232, 206) }
```

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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