

Converting Colors

YUV(230.1900, -14.8837,
13.8654)

Have a look what the booklet for
YUV(230.1900, -14.8837, 13.8654)
contains.

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Color

**YUV(230.1900, -14.8837,
13.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E4C8
RGB	246, 228, 200
RGB Percent	96%, 89%, 78%
CMY	0.0353, 0.1059, 0.2157
CMYK	0.00, 0.07, 0.19, 0.04
HSL	37°, 72%, 87%
HSV	37°, 19%, 96%
XYZ	76.1748, 79.2498, 65.9255
YIQ	230.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

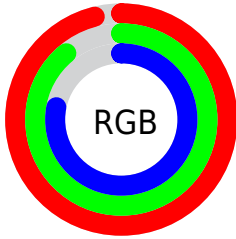
Format	Color
R _Y B	230, 246, 200
Decimal	16180424
CIE Lab	91.35, 1.73, 15.88
CIE LCh	91, 15.978, 83.768
Yxy	79.2498, 0.3441, 0.3580
Android (android.graphics.Color)	4294370504 (0xFFFF6E4C8)
YUV	230.1900, -14.8837, 13.8654
Hunter-Lab	89.0223, -3.0499, 18.4084

Details

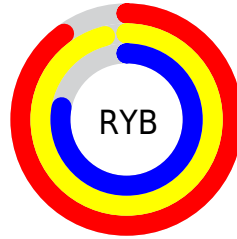
The YUV color $230.1900, -14.8837, 13.8654$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $215.8100, 14.8837, -13.8654$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.7060, -14.1521, 12.5358$ is the 20% darker color. If you saturate the color by 10%, you get $221.4700, -22.9097, 21.5128$, and if you desaturate by 10%, it is $238.9100, -6.8576, 6.2179$.

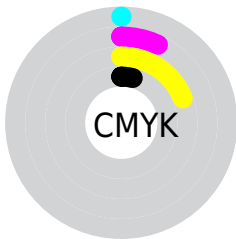
Distribution



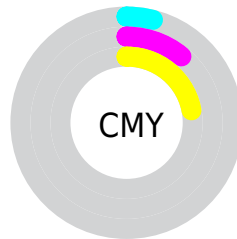
- Red (96%)
- Green (89%)
- Blue (78%)



- Red (90%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1900, -14.8837, 13.8654 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 230.1900, -14.8837, 13.8654 by changing the saturation by 10% instead.

■ 230.1900,
-14.8837, 13.8654

■ 230.1900,
-14.8837, 13.8654

255.0000, 0.0000,
0.0000

■ 202.0050,
-14.2995, 13.1506

■ 174.7060,
-14.1521, 12.5358

■ 147.8200,
-13.7153, 12.4359

■ 121.9340,
-13.2785, 12.3359

■ 97.4500, -12.5468,
11.0064

■ 73.2650, -11.9626,
10.2916

■ 50.7810, -11.2310,

8.9621

■ 29.0260, -12.8308,
8.7472

■ 5.3490, -2.6371,
5.8329

■ 230.1900,
-14.8837, 13.8654

■ 230.1900,
-14.8837, 13.8654

■ 221.4700,
-22.9097, 21.5128

■ 238.9100, -6.8576,
6.2179

■ 213.4510,
-30.7883, 28.5455

■ 246.9290, 1.0210,
-0.8147

■ 204.7310,
-38.8144, 36.1929

■ 252.3090, 1.3267,
-5.5330

■ 196.1250,
-46.4036, 43.7404

■ 187.9920,
-54.7191, 50.8730

■ 179.2720,
-62.7451, 58.5205

■ 171.2530,
-70.6237, 65.5531

■ 162.5330,
-78.6498, 73.2006

■ 161.6040,
-79.6708, 74.0153

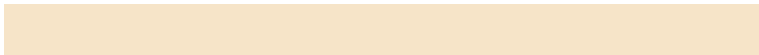
Harmonies

Analogous

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



230.6300, -12.1426, 21.3725



230.1900, -14.8837, 13.8654



228.2700, -12.9511, 0.6402

Triad

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



230.1900, -14.8837, 13.8654



224.9900, 8.3859, -29.8092



233.0260, 7.3822, 12.2552

Complementary

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



230.1900, -14.8837, 13.8654



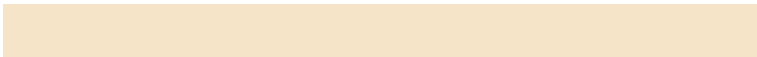
215.8100, 14.8837, -13.8654

Split Complementary

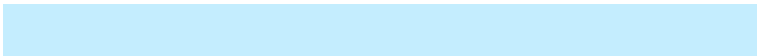
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.7900, 11.9355, -1.5698



230.1900, -14.8837, 13.8654



226.6790, 13.4693, -26.9055

Square

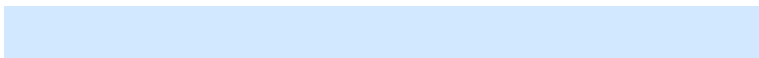
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.1900, -14.8837, 13.8654



225.2590, 0.3653, -23.9061



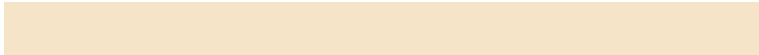
228.0440, 13.2893, -15.8246



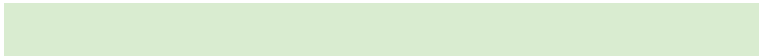
232.0610, 0.9559, 20.1175

Rectangle

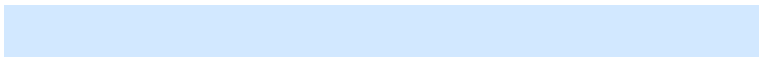
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.1900, -14.8837, 13.8654



227.1270, -9.4296, -8.8814



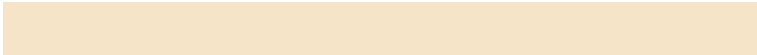
228.0440, 13.2893, -15.8246



232.5740, 9.5770, 8.2666

Sweetspot

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



230.1900, -14.8837, 13.8654



249.7680, -4.8156, 4.5885



215.8060, 1.0816, 26.4801



124.6260, -2.7736, 2.9590



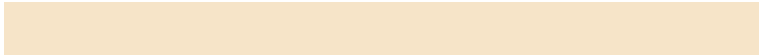
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



230.1900, -14.8837, 13.8654



235.7020, -18.0941, 16.9243



239.2610, -19.3557, 1.5251



118.2840, -4.0840, 3.2589



121.9450, -60.1189, 56.1762



38.7730, -19.1151, 17.7391

Inverse Universe

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



215.8100, 14.8837, -13.8654



218.2980, 18.0941, -16.9243



206.7390, 19.3557, -1.5251



114.3030, 3.7946, -3.7737



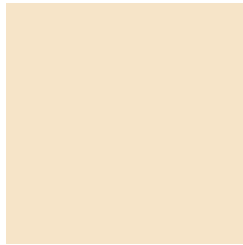
64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 230.1900, -14.8837, 13.8654 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 230.1900, -14.8837, 13.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

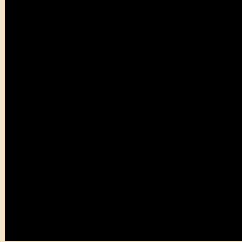
Any Text WCAG AA ✓ Pass

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 230.1900, -14.8837, 13.8654 Background



This preview shows how black text looks on a background with the YUV color 230.1900, -14.8837, 13.8654.



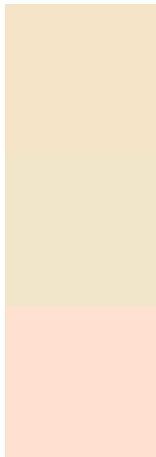
This preview shows how white text looks on a background with the YUV color 230.1900, -14.8837, 13.8654.

13.8654.

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

230.1900, -14.8837, 13.8654

Protanopia

229.9830, -14.2886, 9.6619

Deuteranopia

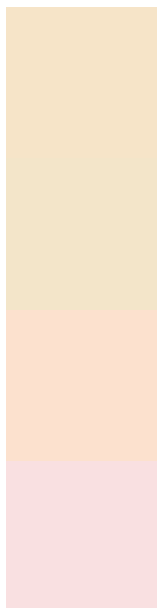
231.5590, -11.1216, 20.5578



Tritanopia

232.7230, 3.5876, 16.0289

Trichromacy



Original Color

230.1900, -14.8837, 13.8654

Protanomaly

229.9940, -14.2940, 11.4063

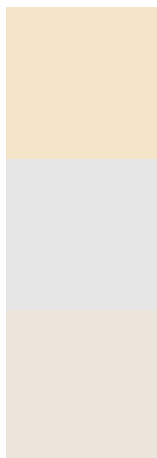
Deuteranomaly

230.9070, -12.2792, 18.4986

Tritanomaly

231.5890, -3.2484, 15.2694

Monochromacy



Original Color

230.1900, -14.8837, 13.8654

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1900, -14.8837, 13.8654 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, 228, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 200)  
}
```

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, 228, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 200) }
```

Border

The CSS property to change the border of an element to YUV 230.1900, -14.8837, 13.8654 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, 228, 200) }
```


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

```
.border{ border-color:rgb(246, 228, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 230.1900, -14.8837, 13.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 200) }
```

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

```
.background{ background-color: rgb(246,  
228, 200) }
```

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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