

Converting Colors

YUV(231.4180, -14.0101,
13.6654)

Have a look what the booklet for
YUV(231.4180, -14.0101, 13.6654)
contains.

YUV(231.4180, -14.0101, 13.6654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(231.4180, -14.0101,
13.6654)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E5CB
RGB	247, 229, 203
RGB Percent	97%, 90%, 80%
CMY	0.0314, 0.1020, 0.2039
CMYK	0.00, 0.07, 0.18, 0.03
HSL	35°, 73%, 88%
HSV	35°, 18%, 97%
XYZ	77.1566, 80.1246, 67.8989
YIQ	231.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

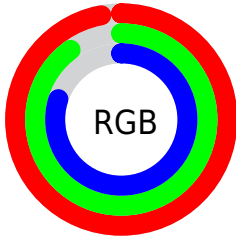
Format	Color
R _Y B	233, 247, 203
Decimal	16246219
CIE Lab	91.74, 2.02, 14.89
CIE LCh	92, 15.028, 82.256
Yxy	80.1246, 0.3426, 0.3558
Android (android.graphics.Color)	4294436299 (0xFFFF7E5CB)
YUV	231.4180, -14.0101, 13.6654
Hunter-Lab	89.5123, -2.7857, 17.6846

Details

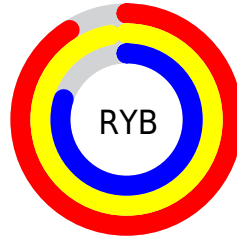
The YUV color $231.4180, -14.0101, 13.6654$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $218.5820, 14.0101, -13.6654$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.9340, -13.2785, 12.3359$ is the 20% darker color. If you saturate the color by 10%, you get $222.6980, -22.0361, 21.3129$, and if you desaturate by 10%, it is $240.1380, -5.9840, 6.0180$.

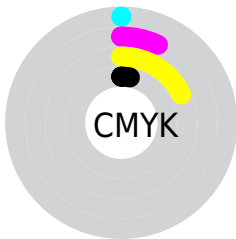
Distribution



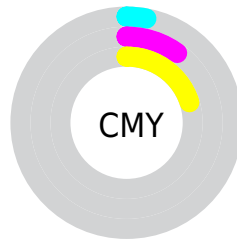
- Red (97%)
- Green (90%)
- Blue (80%)



- Red (91%)
- Yellow (97%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.4180, -14.0101, 13.6654 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 231.4180, -14.0101, 13.6654 by changing the saturation by 10% instead.

■ 231.4180,
-14.0101, 13.6654

■ 231.4180,
-14.0101, 13.6654

255.0000, 0.0000,
0.0000

■ 203.2330,
-13.4259, 12.9507

■ 175.9340,
-13.2785, 12.3359

■ 149.0480,
-12.8417, 12.2359

■ 123.1620,
-12.4049, 12.1359

■ 98.5640, -12.1101,
10.9064

■ 74.3790, -11.5258,
10.1916

■ 51.3080, -10.5048,

9.3769

■ 29.6670, -11.6678,
9.0620

■ 6.5340, -3.2213,
6.5477

■ 231.4180,
-14.0101, 13.6654

■ 231.4180,
-14.0101, 13.6654

■ 222.6980,
-22.0361, 21.3129

■ 240.1380, -5.9840,
6.0180

■ 214.0920,
-29.6254, 28.8603

■ 248.7440, 1.6052,
-1.5295

■ 205.3720,
-37.6514, 36.5078

■ 252.6080, 1.1793,
-4.9182

■ 196.6520,
-45.6774, 44.1552

■ 187.3450,
-53.4141, 52.3174

■ 178.7390,
-61.0033, 59.8649

■ 170.0190,
-69.0294, 67.5123

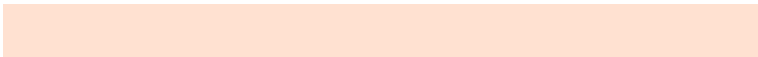
■ 161.2990,
-77.0554, 75.1598

■ 159.5550,
-78.6606, 76.6893

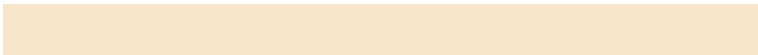
Harmonies

Analogous

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



232.1460, -11.4110, 20.0430



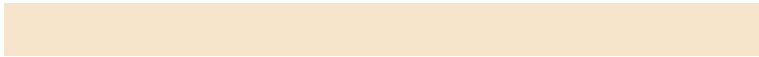
231.4180, -14.0101, 13.6654



229.7970, -12.2249, 1.0550

Triad

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



231.4180, -14.0101, 13.6654



226.7730, 7.5069, -27.8649



233.7270, 7.5296, 11.6404

Complementary

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



231.4180, -14.0101, 13.6654



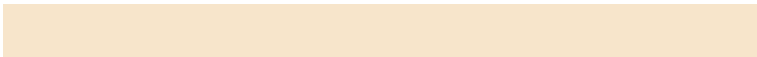
218.5820, 14.0101, -13.6654

Split Complementary

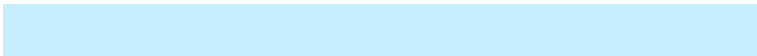
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.2630, 11.2093, -1.9847



231.4180, -14.0101, 13.6654



228.1630, 12.7376, -25.5760

Square

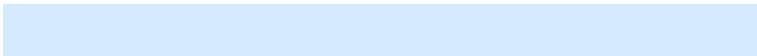
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.4180, -14.0101, 13.6654



226.8570, 0.0705, -22.6766



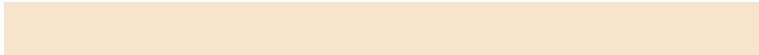
229.8160, 12.4157, -15.6246



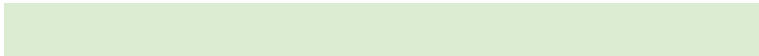
233.4630, 1.2507, 18.8879

Rectangle

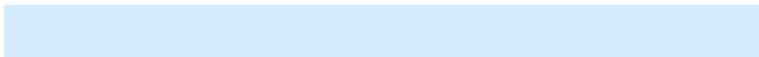
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.4180, -14.0101, 13.6654



228.2520, -8.9982, -7.2370



229.8160, 12.4157, -15.6246



233.5630, 9.5824, 6.5222

Sweetspot

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



231.4180, -14.0101, 13.6654



250.5830, -4.2314, 3.8737



218.2080, 1.3765, 25.2506



124.7400, -2.3368, 2.8590



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.



231.4180, -14.0101, 13.6654



235.9300, -17.2205, 16.7244



240.7880, -18.6295, 1.9399



117.6970, -3.7946, 3.7737



120.1840, -59.2507, 57.7206



38.1860, -18.8257, 18.2539

Inverse Universe

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



218.5820, 14.0101, -13.6654



220.0700, 17.2205, -16.7244



209.2120, 18.6295, -1.9399



114.3030, 3.7946, -3.7737



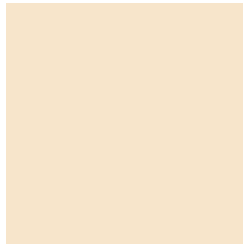
65.8160, 59.2507, -57.7206



20.8140, 18.8257, -18.2539

Previews

White Background



This preview shows how the YUV color 231.4180, -14.0101, 13.6654 looks on a white background.

Color Contrast Check

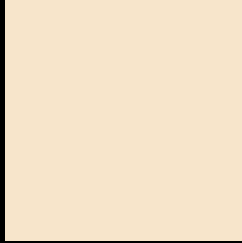
Large Text (above 18pt) WCAG AA × Fail

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 231.4180, -14.0101, 13.6654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

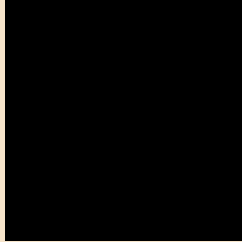
Any Text WCAG AA ✓ Pass

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 231.4180, -14.0101, 13.6654 Background



This preview shows how black text looks on a background with the YUV color 231.4180, -14.0101, 13.6654.



This preview shows how white text looks on a background with the YUV color 231.4180, -14.0101, 13.6654.

13.6654.

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

231.4180, -14.0101, 13.6654

Protanopia

231.2110, -13.4150, 9.4620

Deuteranopia

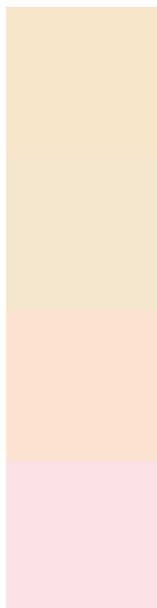
232.4880, -10.1006, 19.7430



Tritanopia

233.7230, 3.5876, 16.0289

Trichromacy



Original Color

231.4180, -14.0101, 13.6654

Protanomaly

231.2220, -13.4204, 11.2063

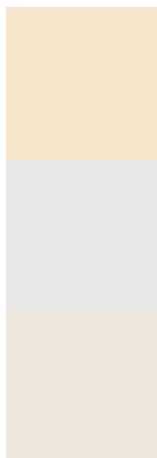
Deuteranomaly

231.8360, -11.2581, 17.6838

Tritanomaly

232.7030, -2.8116, 15.1695

Monochromacy



Original Color

231.4180, -14.0101, 13.6654

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.0670, -4.9630, 5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.4180, -14.0101, 13.6654 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(247, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 203)  
}
```

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(247, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 203) }
```

Border

The CSS property to change the border of an element to YUV 231.4180, -14.0101, 13.6654 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(247, 229, 203) }
```


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

```
.border{ border-color:rgb(247, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(247, 229,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 231.4180, -14.0101, 13.6654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 203) }
```

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

```
.background{ background-color: rgb(247,  
229, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor