

Converting Colors

YUV(229.0380, -14.3157,
18.3837)

Have a look what the booklet for
YUV(229.0380, -14.3157, 18.3837)
contains.

YUV(229.0380, -14.3157, 18.3837)	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(229.0380, -14.3157,
18.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE0C8
RGB	250, 224, 200
RGB Percent	98%, 88%, 78%
CMY	0.0196, 0.1216, 0.2157
CMYK	0.00, 0.10, 0.20, 0.02
HSL	29°, 83%, 88%
HSV	29°, 20%, 98%
XYZ	76.5053, 77.8054, 65.6293
YIQ	229.0380, 23.2000, -1.9520

Conversions

Conversions Part 2

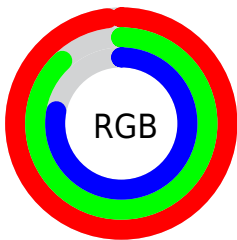
Format	Color
R _Y B	250, 246, 200
Decimal	16441544
CIE Lab	90.69, 5.23, 15.01
CIE LCh	91, 15.893, 70.774
Yxy	77.8054, 0.3478, 0.3538
Android (android.graphics.Color)	4294631624 (0xFFFAE0C8)
YUV	229.0380, -14.3157, 18.3837
Hunter-Lab	88.2074, 0.4563, 17.6314

Details

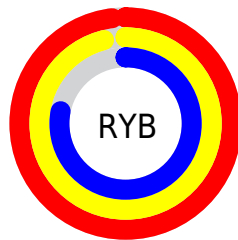
The YUV color $229.0380, -14.3157, 18.3837$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.9620, 14.3157, -18.3837$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.5540, -13.5841, 17.0541$ is the 20% darker color. If you saturate the color by 10%, you get $218.5570, -21.4736, 27.5755$, and if you desaturate by 10%, it is $239.5190, -7.1579, 9.1918$.

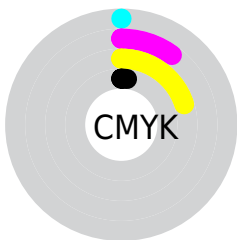
Distribution



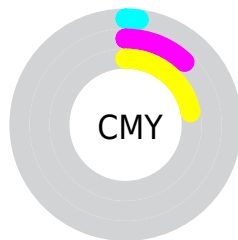
- Red (98%)
- Green (88%)
- Blue (78%)



- Red (98%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.0380, -14.3157, 18.3837 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 229.0380, -14.3157, 18.3837 by changing the saturation by 10% instead.

■ 229.0380,
-14.3157, 18.3837

■ 229.0380,
-14.3157, 18.3837

255.0000, 0.0000,
0.0000

■ 200.8530,
-13.7315, 17.6689

■ 173.5540,
-13.5841, 17.0541

■ 146.6680,
-13.1473, 16.9542

■ 121.0700,
-12.8525, 15.7246

■ 95.9990, -11.8315,
14.9099

■ 72.4010, -11.5367,
13.6803

■ 49.3300, -10.5157,

12.8656

■ 28.1620, -12.4049,
12.1359

■ 4.7840, -2.3585,
9.8364

■ 229.0380,
-14.3157, 18.3837

■ 229.0380,
-14.3157, 18.3837

■ 218.5570,
-21.4736, 27.5755

■ 239.5190, -7.1579,
9.1918

■ 208.0760,
-28.6315, 36.7673

■ 250.0000, 0.0000,
0.0000

■ 197.5950,
-35.7893, 45.9592

■ 253.5050, 0.7370,
-3.0739

■ 187.1140,
-42.9472, 55.1510

■ 176.6330,
-50.1051, 64.3429

■ 166.1520,
-57.2629, 73.5347

■ 155.6710,
-64.4208, 82.7265

■ 145.1900,
-71.5787, 91.9184

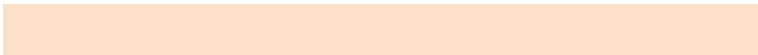
Harmonies

Analogous

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



229.2110, -9.9640, 22.6170



229.0380, -14.3157, 18.3837



227.3740, -13.9884, 6.6880

Triad

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



229.0380, -14.3157, 18.3837



222.7900, 5.0335, -27.8798



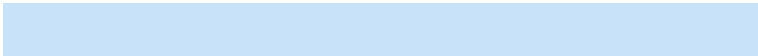
230.6770, 10.0192, 6.4223

Complementary

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



229.0380, -14.3157, 18.3837



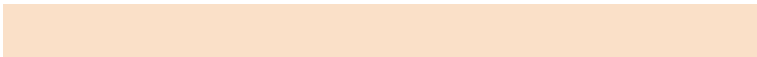
220.9620, 14.3157, -18.3837

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.



228.3870, 13.1202, -8.2324



229.0380, -14.3157, 18.3837



223.9130, 11.8749, -28.8647

Square

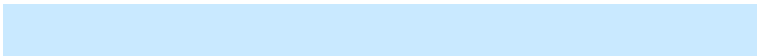
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.0380, -14.3157, 18.3837



224.0700, -2.9925, -20.2324



225.9400, 14.3266, -21.8724



231.4460, 3.7241, 18.9029

Rectangle

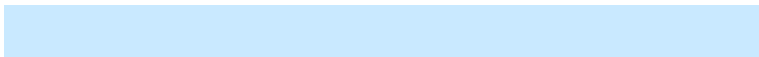
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.0380, -14.3157, 18.3837



225.8890, -11.7773, -2.5337



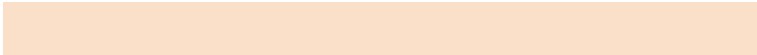
225.9400, 14.3266, -21.8724



229.8120, 11.9247, 1.9189

Sweetspot

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



229.0380, -14.3157, 18.3837



248.5940, -4.2368, 5.6181



218.0280, 4.4232, 28.0394



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.



229.0380, -14.3157, 18.3837



229.2620, -17.3842, 22.5722



243.1260, -21.2611, 6.0285



119.4090, -3.6526, 4.9033



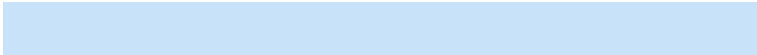
109.9280, -54.1945, 69.3461



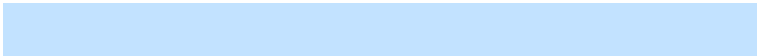
35.2620, -17.3842, 22.5722

Inverse Universe

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



220.9620, 14.3157, -18.3837



219.7380, 17.3842, -22.5722



206.8740, 21.2611, -6.0285



117.5910, 3.6526, -4.9033



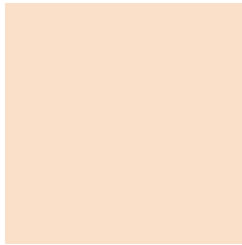
79.0720, 54.1945, -69.3461



25.7380, 17.3842, -22.5722

Previews

White Background



This preview shows how the YUV color 229.0380, -14.3157, 18.3837 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 229.0380, -14.3157, 18.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

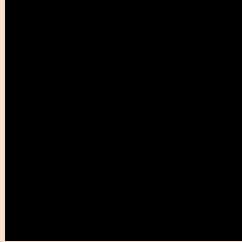
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.0380, -14.3157, 18.3837

Background



This preview shows how black text looks on a background with the YUV color 229.0380, -14.3157, 18.3837.

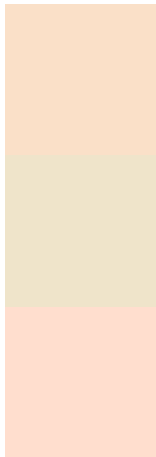


This preview shows how white text looks on a background with the YUV color 229.0380, -14.3157, 18.3837.

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

229.0380, -14.3157, 18.3837

Protanopia

228.3250, -12.9782, 9.3620

Deuteranopia

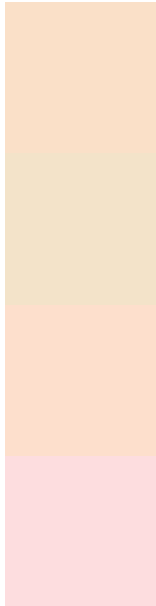
230.0430, -11.8532, 21.8873



Tritanopia

231.7020, 2.1189, 20.4323

Trichromacy



Original Color

229.0380, -14.3157, 18.3837

Protanomaly

228.8200, -13.7153, 12.4359

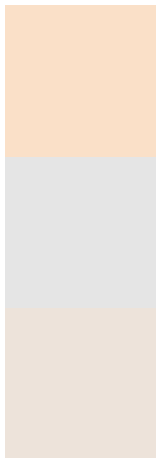
Deuteranomaly

229.8040, -12.7214, 20.3429

Tritanomaly

230.7960, -3.8434, 19.4729

Monochromacy



Original Color

229.0380, -14.3157, 18.3837

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.9640, -5.4053, 7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.0380, -14.3157, 18.3837 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(250, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 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(250, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 200) }
```

Border

The CSS property to change the border of an element to YUV 229.0380, -14.3157, 18.3837 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(250, 224, 200) }
```


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

```
.border{ border-color:rgb(250, 224, 200) }
```

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

Here you see how a box with a 4 pixel rgb(250, 224, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 229.0380, -14.3157, 18.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 200) }
```

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

```
.background{ background-color: rgb(250,  
224, 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](#).

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