

Converting Colors

YUV(233.1410, -13.8735,
16.5393)

Have a look what the booklet for
YUV(233.1410, -13.8735, 16.5393)
contains.

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Color

**YUV(233.1410, -13.8735,
16.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE5CD
RGB	252, 229, 205
RGB Percent	99%, 90%, 80%
CMY	0.0118, 0.1020, 0.1961
CMYK	0.00, 0.09, 0.19, 0.01
HSL	31°, 89%, 90%
HSV	31°, 19%, 99%
XYZ	79.1836, 81.1418, 69.2461
YIQ	233.1410, 21.4120, -2.5880

Conversions

Conversions Part 2

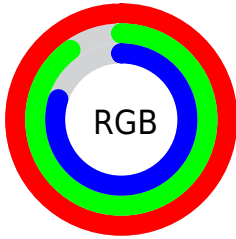
Format	Color
R _Y B	250, 252, 205
Decimal	16573901
CIE Lab	92.19, 4.12, 14.55
CIE LCh	92, 15.122, 74.200
Yxy	81.1418, 0.3449, 0.3534
Android (android.graphics.Color)	4294763981 (0xFFFC E5CD)
YUV	233.1410, -13.8735, 16.5393
Hunter-Lab	90.0788, -0.7276, 17.4772

Details

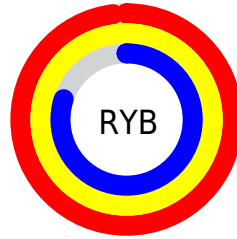
The YUV color $233.1410, -13.8735, 16.5393$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.8590, 13.8735, -16.5393$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.6570, -13.1419, 15.2098$ is the 20% darker color. If you saturate the color by 10%, you get $223.2470, -21.3208, 25.2164$, and if you desaturate by 10%, it is $243.0350, -6.4263, 7.8623$.

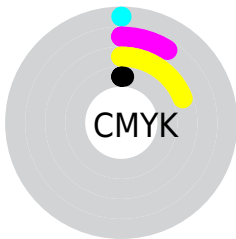
Distribution



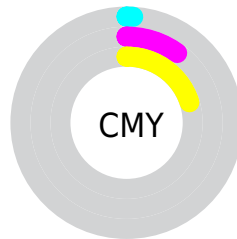
- Red (99%)
- Green (90%)
- Blue (80%)



- Red (98%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.1410, -13.8735, 16.5393 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 233.1410, -13.8735, 16.5393 by changing the saturation by 10% instead.

233.1410,
-13.8735, 16.5393

233.1410,
-13.8735, 16.5393

255.0000, 0.0000,
0.0000

204.9560,
-13.2893, 15.8246

177.6570,
-13.1419, 15.2098

150.7710,
-12.7051, 15.1098

124.5860,
-12.1209, 14.3951

99.9880, -11.8261,
13.1655

75.8030, -11.2419,
12.4508

52.7320, -10.2209,

11.6360

■ 30.9060, -10.7997,
10.6064

■ 8.3280, -4.1057,
10.2363

■ 233.1410,
-13.8735, 16.5393

■ 233.1410,
-13.8735, 16.5393

■ 223.2470,
-21.3208, 25.2164

■ 243.0350, -6.4263,
7.8623

■ 212.7660,
-28.4786, 34.4082

■ 253.5160, 0.7316,
-1.3295

■ 202.7580,
-36.3627, 43.1852

■ 254.1030, 0.4422,
-1.8443

■ 192.8640,
-43.8100, 51.8623

■ 182.3830,
-50.9678, 61.0541

■ 172.4890,
-58.4151, 69.7311

■ 162.5950,
-65.8623, 78.4082

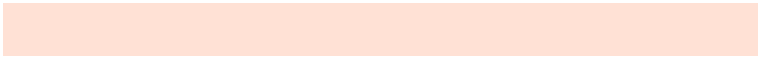
■ 152.0000,
-73.4570, 87.7000

■ 151.0710,
-74.4780, 88.5147

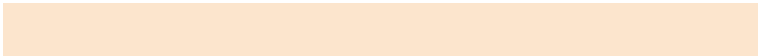
Harmonies

Analogous

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



232.6020, -9.6638, 19.6430



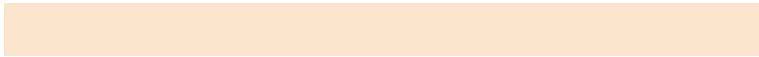
233.1410, -13.8735, 16.5393



231.4770, -13.5462, 4.8437

Triad

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



233.1410, -13.8735, 16.5393



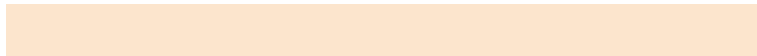
227.6160, 5.6123, -26.8502



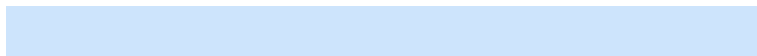
235.1610, 9.2876, 7.7518

Complementary

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



233.1410, -13.8735, 16.5393



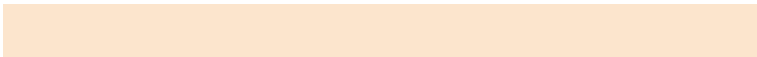
223.8590, 13.8735, -16.5393

Split Complementary

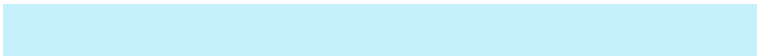
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.2410, 11.2202, -5.4734



233.1410, -13.8735, 16.5393



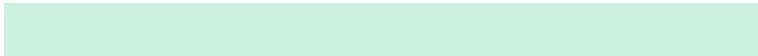
228.8100, 11.4327, -27.0204

Square

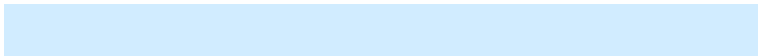
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1410, -13.8735, 16.5393



228.2980, -2.1189, -20.4323



230.0930, 12.2792, -18.4986



235.2070, 2.8559, 17.3585

Rectangle

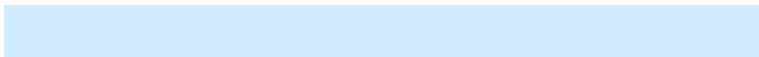
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.1410, -13.8735, 16.5393



230.4050, -11.0457, -3.8632



230.0930, 12.2792, -18.4986



234.0680, 10.3195, 3.4484

Sweetspot

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



233.1410, -13.8735, 16.5393



249.1810, -4.5262, 5.1033



221.7890, 3.5550, 26.4950



124.0390, -2.4842, 3.4738



0.0000, 0.0000, 0.0000



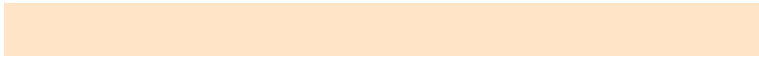
128.0000, 0.0000, 0.0000

Same Dimension

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



233.1410, -13.8735, 16.5393



232.7670, -16.6471, 19.4983



246.6420, -20.5295, 4.6990



119.9960, -3.9420, 4.3885



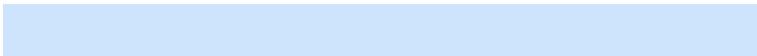
112.8630, -55.6415, 66.7721



36.4360, -17.9629, 21.5426

Inverse Universe

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



223.8590, 13.8735, -16.5393



221.2330, 16.6471, -19.4983



210.3580, 20.5295, -4.6990



117.5910, 3.6526, -4.9033



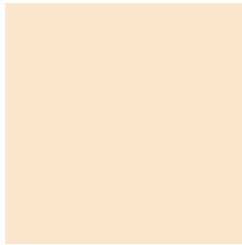
75.5500, 55.9308, -66.2574



24.5640, 17.9629, -21.5426

Previews

White Background



This preview shows how the YUV color 233.1410, -13.8735, 16.5393 looks on a white background.

Color Contrast Check

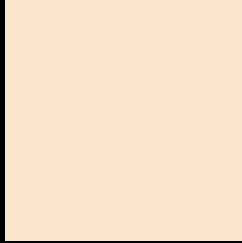
Large Text (above 18pt) WCAG AA × Fail

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 233.1410, -13.8735, 16.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

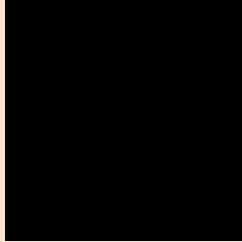
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.1410, -13.8735, 16.5393

Background



This preview shows how black text looks on a background with the YUV color 233.1410, -13.8735, 16.5393.



This preview shows how white text looks on a background with the YUV color 233.1410, -13.8735, 16.5393.

16.5393.

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

233.1410, -13.8735, 16.5393

Protanopia

232.4390, -12.5414, 9.2620

Deuteranopia

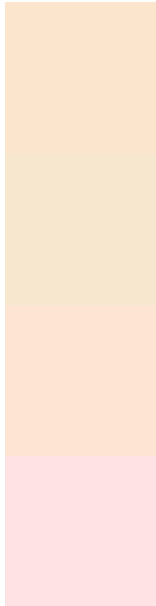
234.0040, -9.3690, 18.4135



Tritanopia

235.2070, 2.8559, 17.3585

Trichromacy



Original Color

233.1410, -13.8735, 16.5393

Protanomaly

232.6350, -13.1311, 11.7211

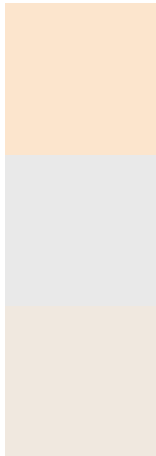
Deuteranomaly

233.8360, -11.2581, 17.6838

Tritanomaly

234.6000, -3.2538, 17.0138

Monochromacy



Original Color

233.1410, -13.8735, 16.5393

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.1410, -13.8735, 16.5393 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(252, 229, 205)` looks like.

```
.text, #text, p{  
    color:rgb(252, 229, 205)  
}
```

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(252, 229, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 205) }
```

Border

The CSS property to change the border of an element to YUV 233.1410, -13.8735, 16.5393 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(252, 229, 205) }
```


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

```
.border{ border-color:rgb(252, 229, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 229, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 205);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 233.1410, -13.8735, 16.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 205) }
```

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

```
.background{ background-color: rgb(252,  
229, 205) }
```

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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