

Converting Colors

YUV(233.4680, -16.4997,
18.8836)

Have a look what the booklet for
YUV(233.4680, -16.4997, 18.8836)
contains.

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Color

**YUV(233.4680, -16.4997,
18.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C8
RGB	255, 229, 200
RGB Percent	100%, 90%, 78%
CMY	0.0000, 0.1020, 0.2157
CMYK	0.00, 0.10, 0.22, 0.00
HSL	32°, 100%, 89%
HSV	32°, 22%, 100%
XYZ	79.6846, 81.4688, 66.1688
YIQ	233.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

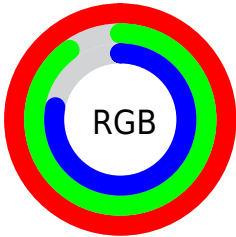
Format	Color
R_{YB}	249, 255, 200
Decimal	16770504
CIE _{Lab}	92.34, 4.48, 17.39
CIE _{LCh}	92, 17.956, 75.545
Yxy	81.4688, 0.3505, 0.3584
Android (android.graphics.Color)	4294960584 (0xFFFFE5C8)
YUV	233.4680, -16.4997, 18.8836
Hunter-Lab	90.2600, -0.3692, 19.7171

Details

The YUV color $233.4680, -16.4997, 18.8836$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $221.5320, 16.4997, -18.8836$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.9840, -15.7681, 17.5540$ is the 20% darker color. If you saturate the color by 10%, you get $223.5740, -23.9470, 27.5606$, and if you desaturate by 10%, it is $243.4760, -8.6157, 10.1065$.

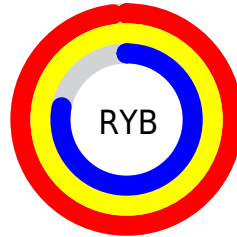
Distribution



Red (100%)

Green (90%)

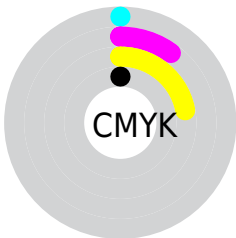
Blue (78%)



Red (98%)

Yellow (100%)

Blue (78%)

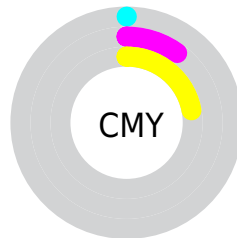


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4680, -16.4997, 18.8836 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 233.4680, -16.4997, 18.8836 by changing the saturation by 10% instead.

233.4680,
-16.4997, 18.8836

233.4680,
-16.4997, 18.8836

255.0000, 0.0000,
0.0000

205.2830,
-15.9155, 18.1688

177.9840,
-15.7681, 17.5540

150.7990,
-15.1839, 16.8393

124.6140,
-14.5997, 16.1245

100.1300,
-13.8681, 14.7950

75.9450, -13.2839,
14.0802

52.8740, -12.2629,

13.2655

■ 30.7060, -14.1521,
12.5358

■ 9.2140, -4.5425,
10.3363

■ 233.4680,
-16.4997, 18.8836

■ 233.4680,
-16.4997, 18.8836

■ 223.5740,
-23.9470, 27.5606

■ 243.4760, -8.6157,
10.1065

■ 213.5660,
-31.8310, 36.3376

■ 253.3700, -1.1684,
1.4295

■ 203.5580,
-39.7151, 45.1146

■ 255.0000, 0.0000,
0.0000

■ 193.6640,
-47.1624, 53.7917

■ 183.7700,
-54.6096, 62.4687

■ 173.7620,
-62.4937, 71.2457

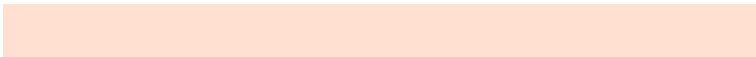
■ 163.8680,
-69.9409, 79.9228

■ 154.9030,
-76.3672, 87.7851

Harmonies

Analogous

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



231.5590, -11.1216, 20.5578



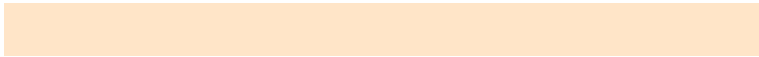
233.4680, -16.4997, 18.8836



231.6080, -15.5827, 4.7288

Triad

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



233.4680, -16.4997, 18.8836



226.7400, 7.5232, -33.0980



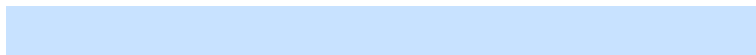
235.5850, 9.5716, 10.0110

Complementary

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



233.4680, -16.4997, 18.8836



221.5320, 16.4997, -18.8836

Split Complementary

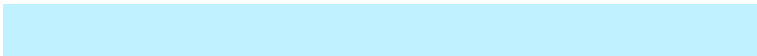
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.2410, 11.2202, -5.4734



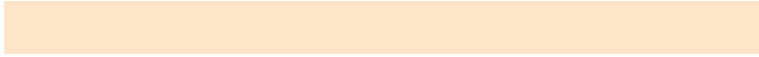
233.4680, -16.4997, 18.8836



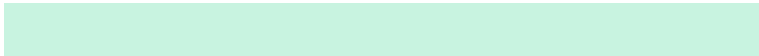
227.6460, 13.4855, -32.1385

Square

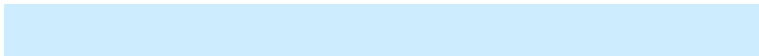
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.4680, -16.4997, 18.8836



227.9770, -1.9607, -24.5358



229.4840, 12.5794, -21.4725



234.1470, 3.8715, 18.2881

Rectangle

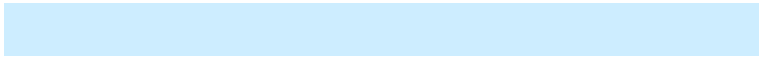
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.4680, -16.4997, 18.8836



230.0520, -12.3506, -5.3076



229.4840, 12.5794, -21.4725



234.6660, 10.0247, 4.6779

Sweetspot

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



233.4680, -16.4997, 18.8836



249.1810, -4.5262, 5.1033



219.5230, 3.6862, 31.1133



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.



233.4680, -16.4997, 18.8836



229.2790, -19.8575, 22.5573



248.4310, -23.8765, 4.8840



122.4090, -3.6526, 4.9033



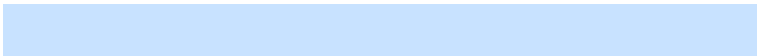
116.3960, -57.3832, 65.4277



39.0940, -19.2733, 21.8426

Inverse Universe

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



221.5320, 16.4997, -18.8836



214.7210, 19.8575, -22.5573



206.5690, 23.8765, -4.8840



120.0040, 3.9420, -4.3885



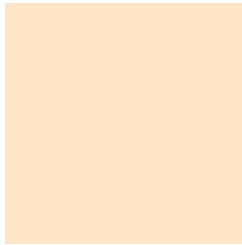
74.6040, 57.3832, -65.4277



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 233.4680, -16.4997, 18.8836 looks on a white background.

Color Contrast Check

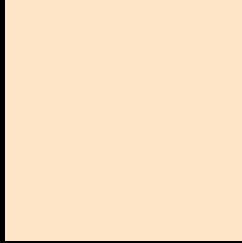
Large Text (above 18pt) WCAG AA × Fail

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 233.4680, -16.4997, 18.8836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

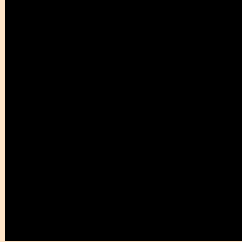
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.4680, -16.4997, 18.8836

Background



This preview shows how black text looks on a background with the YUV color 233.4680, -16.4997, 18.8836.



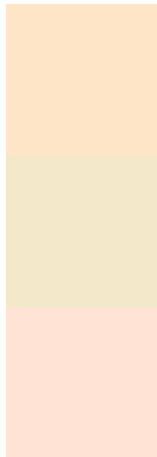
This preview shows how white text looks on a background with the YUV color 233.4680, -16.4997, 18.8836.

18.8836.

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

233.4680, -16.4997, 18.8836

Protanopia

232.1680, -14.8728, 10.3767

Deuteranopia

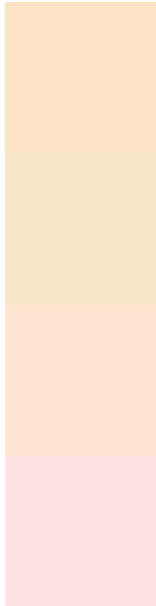
234.4770, -10.0952, 17.9987



Tritanopia

235.5660, 1.6930, 17.0436

Trichromacy



Original Color

233.4680, -16.4997, 18.8836

Protanomaly

232.6630, -15.6099, 13.4505

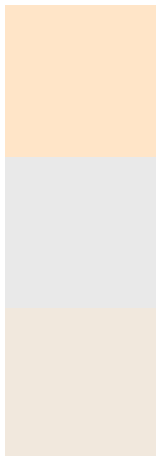
Deuteranomaly

233.9070, -12.2792, 18.4986

Tritanomaly

234.5570, -4.7116, 17.9285

Monochromacy



Original Color

233.4680, -16.4997, 18.8836

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.4370, -6.1314, 6.6328

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4680, -16.4997, 18.8836 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, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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(255, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 200) }
```

Border

The CSS property to change the border of an element to YUV 233.4680, -16.4997, 18.8836 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, 229, 200) }
```


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

```
.border{ border-color:rgb(255, 229, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 200); box-shadow:4px 4px 4px 4px rgb(255, 229, 200) }
```

Background

The CSS property to change the background color of an element to YUV 233.4680, -16.4997, 18.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 200) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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