

Converting Colors

YUV(233.4990, -13.5570,
8.3324)

Have a look what the booklet for
YUV(233.4990, -13.5570, 8.3324)
contains.

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Color

**YUV(233.4990, -13.5570,
8.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EACE
RGB	243, 234, 206
RGB Percent	95%, 92%, 81%
CMY	0.0471, 0.0824, 0.1922
CMYK	0.00, 0.04, 0.15, 0.05
HSL	45°, 61%, 88%
HSV	45°, 15%, 95%
XYZ	77.5255, 82.3566, 70.2029
YIQ	233.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

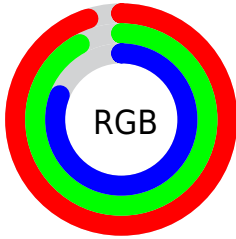
Format	Color
R _Y B	218, 243, 206
Decimal	15985358
CIE Lab	92.73, -1.51, 14.69
CIE LCh	93, 14.765, 95.852
Yxy	82.3566, 0.3369, 0.3579
Android (android.graphics.Color)	4294175438 (0xFFFF3EACE)
YUV	233.4990, -13.5570, 8.3324
Hunter-Lab	90.7505, -6.3260, 17.6597

Details

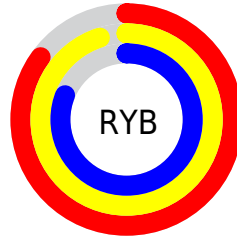
The YUV color $233.4990, -13.5570, 8.3324$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $215.5010, 13.5570, -8.3324$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.7270, -12.6834, 8.1324$ is the 20% darker color. If you saturate the color by 10%, you get $227.2410, -22.3038, 13.8206$, and if you desaturate by 10%, it is $239.7570, -4.8102, 2.8441$.

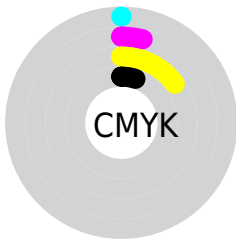
Distribution



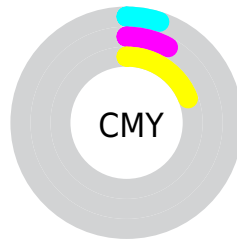
- Red (95%)
- Green (92%)
- Blue (81%)



- Red (85%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4990, -13.5570, 8.3324 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 233.4990, -13.5570, 8.3324 by changing the saturation by 10% instead.

■ 233.4990,
-13.5570, 8.3324

■ 233.4990,
-13.5570, 8.3324

255.0000, 0.0000,
0.0000

■ 205.2000,
-13.4096, 7.7176

■ 177.7270,
-12.6834, 8.1324

■ 151.4280,
-12.5360, 7.5176

■ 125.2430,
-11.9518, 6.8029

■ 100.3570,
-11.5150, 6.7029

■ 76.1720, -10.9308,
5.9882

■ 53.2860, -10.4940,

5.8882

■ 31.8730, -10.7834,
5.3734

■ 9.7460, -4.8048,
1.0998

■ 233.4990,
-13.5570, 8.3324

■ 233.4990,
-13.5570, 8.3324

■ 227.2410,
-22.3038, 13.8206

■ 239.7570, -4.8102,
2.8441

■ 220.8690,
-31.4874, 19.4089

■ 246.1290, 4.3734,
-2.7441

■ 214.6110,
-40.2342, 24.8972

■ 249.6510, 2.6371,
-5.8329

■ 208.3530,
-48.9810, 30.3854

■ 251.4120, 1.7689,
-7.3773

■ 202.0950,
-57.7278, 35.8737

■ 196.3100,
-67.2008, 40.9471

■ 190.0520,
-75.9476, 46.4354

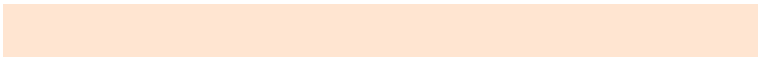
■ 183.7940,
-84.6944, 51.9237

■ 180.6650,
-89.0678, 54.6678

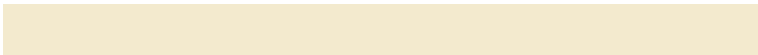
Harmonies

Analogous

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



234.4940, -12.5685, 17.9838



233.4990, -13.5570, 8.3324



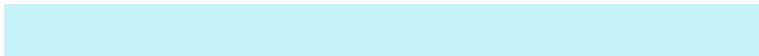
231.6330, -10.1721, -4.0631

Triad

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



233.4990, -13.5570, 8.3324



230.0550, 9.8329, -27.2352



236.9510, 4.4612, 15.8290

Complementary

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



233.4990, -13.5570, 8.3324



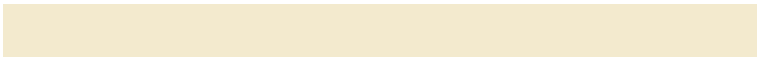
215.5010, 13.5570, -8.3324

Split Complementary

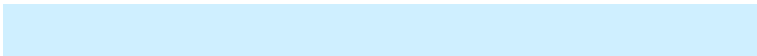
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.8400, 9.4459, 3.6483



233.4990, -13.5570, 8.3324



231.2560, 11.7058, -21.2725

Square

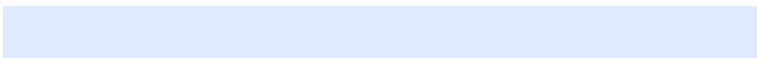
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



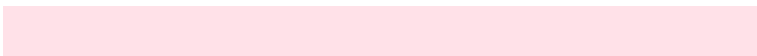
233.4990, -13.5570, 8.3324



229.6440, 3.1335, -25.1208



233.1050, 10.7942, -8.8621



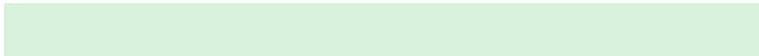
234.7680, -1.3646, 17.7435

Rectangle

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



233.4990, -13.5570, 8.3324



230.9030, -6.3612, -13.0699



233.1050, 10.7942, -8.8621



236.7980, 6.5086, 12.4552

Sweetspot

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



233.4990, -13.5570, 8.3324



251.7570, -4.8102, 2.8441



218.0890, -1.5229, 21.8469



125.9140, -2.9156, 1.8294



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.



233.4990, -13.5570, 8.3324



243.2990, -16.9094, 10.2618



236.0910, -14.8349, -1.8338



118.8710, -4.3734, 2.7441



138.3810, -68.2218, 41.7619



43.4690, -21.4302, 13.6207

Inverse Universe

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



215.5010, 13.5570, -8.3324



220.7010, 16.9094, -10.2618



212.9090, 14.8349, 1.8338



113.1290, 4.3734, -2.7441



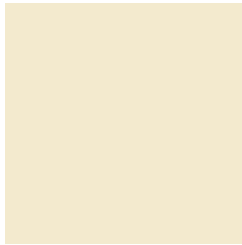
47.6190, 68.2218, -41.7619



14.9440, 21.7196, -13.1059

Previews

White Background



This preview shows how the YUV color 233.4990, -13.5570, 8.3324 looks on a white background.

Color Contrast Check

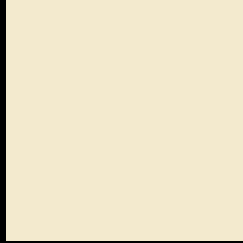
Large Text (above 18pt) WCAG AA × Fail

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 233.4990, -13.5570, 8.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

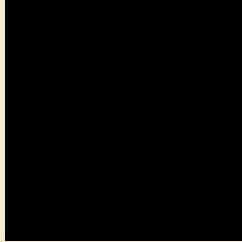
Any Text WCAG AA ✓ Pass

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 233.4990, -13.5570, 8.3324 Background



This preview shows how black text looks on a background with the YUV color 233.4990, -13.5570, 8.3324.



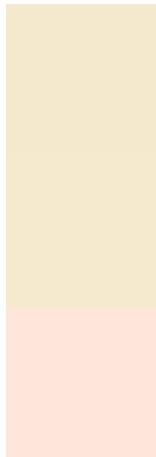
This preview shows how white text looks on a background with the YUV color 233.4990, -13.5570, 8.3324.

8.3324.

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

233.4990, -13.5570, 8.3324

Protanopia

233.5100, -13.5624, 10.0767

Deuteranopia

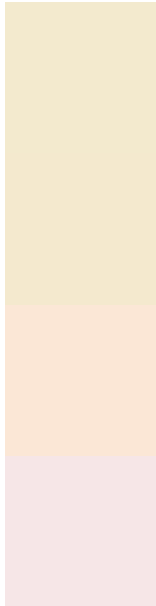
235.5200, -8.6374, 17.0840



Tritanopia

236.0320, 4.9142, 10.4959

Trichromacy



Original Color

233.4990, -13.5570, 8.3324

Protanomaly

233.2110, -13.4150, 9.4620

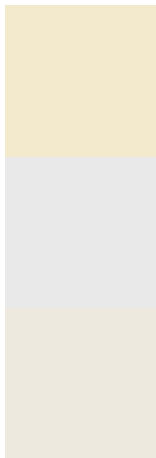
Deuteranomaly

235.0420, -10.3737, 13.9952

Tritanomaly

234.8980, -1.9217, 9.7365

Monochromacy



Original Color

233.4990, -13.5570, 8.3324

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4990, -13.5570, 8.3324 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(243, 234, 206)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 206)  
}
```

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(243, 234, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 206) }
```

Border

The CSS property to change the border of an element to YUV 233.4990, -13.5570, 8.3324 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(243, 234, 206) }
```


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

```
.border{ border-color:rgb(243, 234, 206) }
```

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

Here you see how a box with a 4 pixel rgb(243, 234, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 233.4990, -13.5570, 8.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 206) }
```

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

```
.background{ background-color: rgb(243,  
234, 206) }
```

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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