

# Converting Colors

YUV(232.4990, -13.5570,  
8.3324)

Have a look what the booklet for  
YUV(232.4990, -13.5570, 8.3324)  
contains.

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# Color

**YUV(232.4990, -13.5570,  
8.3324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E9CD
RGB	242, 233, 205
RGB Percent	95%, 91%, 80%
CMY	0.0510, 0.0863, 0.1961
CMYK	0.00, 0.04, 0.15, 0.05
HSL	45°, 59%, 88%
HSV	45°, 15%, 95%
XYZ	76.7763, 81.5629, 69.4543
YIQ	232.4990, 14.3520, -6.8000

# Conversions

## Conversions Part 2

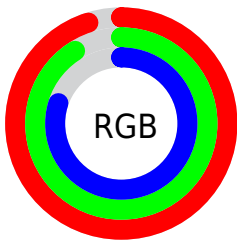
Format	Color
R <sub>Y</sub> B	217, 242, 205
Decimal	15919565
CIE Lab	92.38, -1.50, 14.70
CIE LCh	92, 14.777, 95.845
Yxy	81.5629, 0.3370, 0.3581
Android (android.graphics.Color)	4294109645 (0xFFF2E9CD)
YUV	232.4990, -13.5570, 8.3324
Hunter-Lab	90.3122, -6.2996, 17.6217

# Details

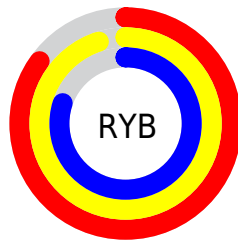
The YUV color  $232.4990, -13.5570, 8.3324$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $214.5010, 13.5570, -8.3324$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.7270, -12.6834, 8.1324$  is the 20% darker color. If you saturate the color by 10%, you get  $226.2410, -22.3038, 13.8206$ , and if you desaturate by 10%, it is  $238.7570, -4.8102, 2.8441$ .

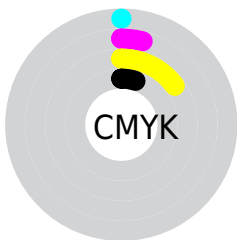
# Distribution



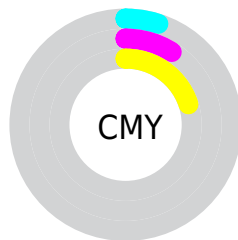
- Red (95%)
- Green (91%)
- Blue (80%)



- Red (85%)
- Yellow (95%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.4990, -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 232.4990, -13.5570, 8.3324 by changing the saturation by 10% instead.



■ 232.4990,  
-13.5570, 8.3324

■ 232.4990,  
-13.5570, 8.3324

255.0000, 0.0000,  
0.0000

■ 204.6130,  
-13.1202, 8.2324

■ 176.7270,  
-12.6834, 8.1324

■ 150.4280,  
-12.5360, 7.5176

■ 124.2430,  
-11.9518, 6.8029

■ 99.3570, -11.5150,  
6.7029

■ 75.1720, -10.9308,  
5.9882

■ 52.9870, -10.3466,

5.2734

■ 30.8730, -10.7834,  
5.3734

■ 7.9740, -3.9312,  
0.8998

■ 232.4990,  
-13.5570, 8.3324

■ 232.4990,  
-13.5570, 8.3324

■ 226.2410,  
-22.3038, 13.8206

■ 238.7570, -4.8102,  
2.8441

■ 219.9830,  
-31.0506, 19.3089

■ 245.0150, 3.9366,  
-2.6442

■ 213.6110,  
-40.2342, 24.8972

■ 248.7650, 3.0739,  
-5.9329

■ 207.3530,  
-48.9810, 30.3854

■ 251.1130, 1.9163,  
-7.9921

■ 201.6820,  
-58.0172, 35.3589

■ 195.4240,  
-66.7640, 40.8472

■ 189.1660,  
-75.5108, 46.3354

■ 182.7940,  
-84.6944, 51.9237

■ 179.7790,  
-88.6310, 54.5678

# Harmonies

## Analogous

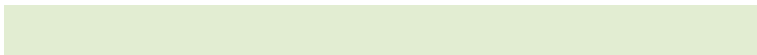
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.7930, -12.7159, 18.5985



232.4990, -13.5570, 8.3324



230.6330, -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.



232.4990, -13.5570, 8.3324



229.0550, 9.8329, -27.2352



235.9510, 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.



232.4990, -13.5570, 8.3324



214.5010, 13.5570, -8.3324

# Split Complementary

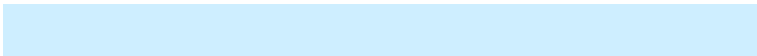
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.9540, 9.8827, 3.5483



232.4990, -13.5570, 8.3324



230.3700, 12.1426, -21.3725

# Square

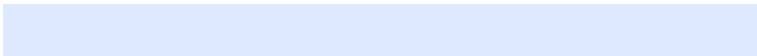
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.4990, -13.5570, 8.3324



228.6440, 3.1335, -25.1208



232.2190, 11.2310, -8.9621



233.4800, -1.2226, 18.8730



# Rectangle

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



232.4990, -13.5570, 8.3324



229.9030, -6.3612, -13.0699



232.2190, 11.2310, -8.9621



235.7980, 6.5086, 12.4552

# Sweetspot

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



232.4990, -13.5570, 8.3324



251.7570, -4.8102, 2.8441



217.0890, -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.



232.4990, -13.5570, 8.3324



243.2990, -16.9094, 10.2618



235.0910, -14.8349, -1.8338



116.8710, -4.3734, 2.7441



136.6090, -67.3482, 41.5619



41.3980, -20.4092, 12.8060



# Inverse Universe

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



214.5010, 13.5570, -8.3324



220.7010, 16.9094, -10.2618



211.9090, 14.8349, 1.8338



111.1290, 4.3734, -2.7441



47.3910, 67.3482, -41.5619

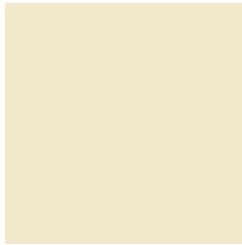


14.6020, 20.4092, -12.8060



# Previews

## White Background



This preview shows how the YUV color 232.4990, -13.5570, 8.3324 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

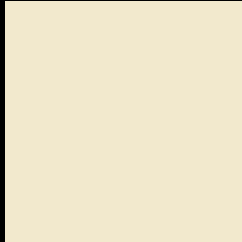
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.4990, -13.5570, 8.3324 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

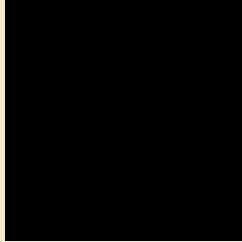
Any Text WCAG AA ✓ Pass

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 232.4990, -13.5570, 8.3324 Background



This preview shows how black text looks on a background with the YUV color 232.4990, -13.5570, 8.3324.



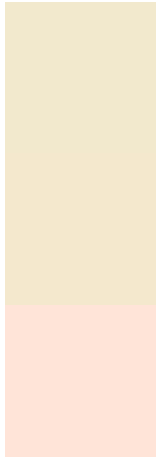
This preview shows how white text looks on a background with the YUV color 232.4990, -13.5570,



# 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

232.4990, -13.5570, 8.3324

### Protanopia

232.5100, -13.5624, 10.0767

### Deuteranopia

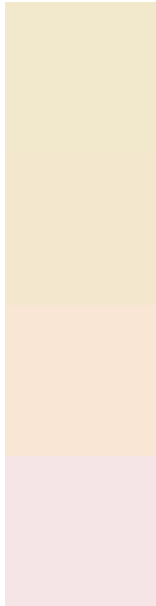
234.7050, -9.2216, 17.7987



## Tritanopia

235.0320, 4.9142, 10.4959

# Trichromacy



## Original Color

232.4990, -13.5570, 8.3324

## Protanomaly

232.2110, -13.4150, 9.4620

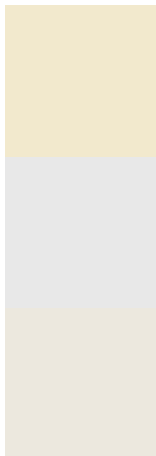
## Deuteranomaly

233.9280, -10.8105, 14.0951

## Tritanomaly

233.8980, -1.9217, 9.7365

# Monochromacy



## Original Color

232.4990, -13.5570, 8.3324

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.0560, -4.9576, 3.4589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.4990, -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(242, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 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(242, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 205) }
```

## Border

The CSS property to change the border of an element to YUV 232.4990, -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(242, 233, 205) }
```



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

```
.border{ border-color:rgb(242, 233, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 232.4990, -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(242, 233, 205) }
```

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

```
.background{ background-color: rgb(242,  
233, 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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