

# Converting Colors

YUV(232.7500, -14.1737,  
19.5133)

Have a look what the booklet for  
YUV(232.7500, -14.1737, 19.5133)  
contains.

<b>YUV(232.7500, -14.1737, 19.5133)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(232.7500, -14.1737,  
19.5133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFE3CC
RGB	255, 227, 204
RGB Percent	100%, 89%, 80%
CMY	0.0000, 0.1098, 0.2000
CMYK	0.00, 0.11, 0.20, 0.00
HSL	27°, 100%, 90%
HSV	27°, 20%, 100%
XYZ	79.6082, 80.5578, 68.4802
YIQ	232.7500, 24.0710, -1.2170

# Conversions

## Conversions Part 2

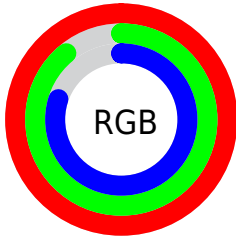
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 246, 204
Decimal	16769996
CIE <sub>Lab</sub>	91.93, 6.08, 14.74
CIE <sub>LCh</sub>	92, 15.943, 67.589
Yxy	80.5578, 0.3482, 0.3523
Android (android.graphics.Color)	4294960076 (0xFFFFE3CC)
YUV	232.7500, -14.1737, 19.5133
Hunter-Lab	89.7540, 1.2528, 17.5910

# Details

The YUV color  $232.7500, -14.1737, 19.5133$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $226.2500, 14.1738, -19.5132$ , 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  $177.2660, -13.4421, 18.1837$  is the 20% darker color. If you saturate the color by 10%, you get  $221.6820, -21.0422, 29.2199$ , and if you desaturate by 10%, it is  $243.9320, -6.8685, 9.7066$ .

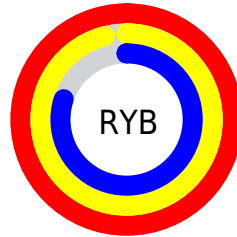
# Distribution



Red (100%)

Green (89%)

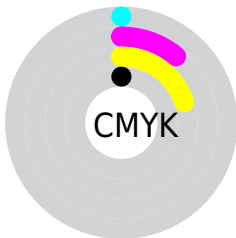
Blue (80%)



Red (100%)

Yellow (96%)

Blue (80%)

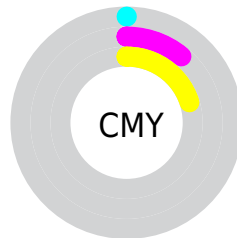


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.7500, -14.1737, 19.5133 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 232.7500, -14.1737, 19.5133 by changing the saturation by 10% instead.



232.7500,  
-14.1737, 19.5133

232.7500,  
-14.1737, 19.5133

255.0000, 0.0000,  
0.0000

204.5650,  
-13.5895, 18.7985

177.2660,  
-13.4421, 18.1837

150.0810,  
-12.8579, 17.4690

123.8960,  
-12.2737, 16.7542

99.2980, -11.9789,  
15.5247

75.1130, -11.3947,  
14.8099

52.6290, -10.6631,

13.4804

■ 30.8030, -11.2419,  
12.4508

■ 7.7520, -3.8217,  
12.4955

■ 232.7500,  
-14.1737, 19.5133

■ 232.7500,  
-14.1737, 19.5133

■ 221.6820,  
-21.0422, 29.2199

■ 243.9320, -6.8685,  
9.7066

■ 210.5000,  
-28.3475, 39.0265

255.0000, 0.0000,  
0.0000

■ 199.4320,  
-35.2160, 48.7331

■ 188.2500,  
-42.5213, 58.5397

■ 177.1820,  
-49.3897, 68.2464

■ 166.0000,  
-56.6950, 78.0530

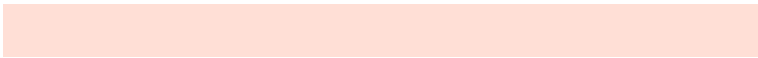
■ 154.8180,  
-64.0003, 87.8596

■ 143.7500,  
-70.8688, 97.5662

# Harmonies

## Analogous

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



231.5420, -8.6482, 20.5727



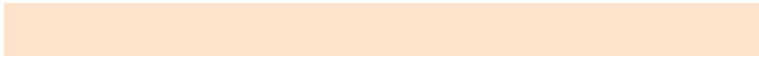
232.7500, -14.1737, 19.5133



230.9720, -14.2832, 7.9176

# Triad

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



232.7500, -14.1737, 19.5133



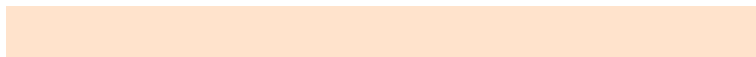
226.5620, 4.1599, -27.6799



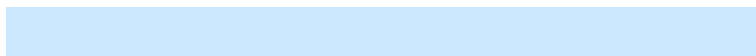
234.0790, 10.3141, 5.1927

# Complementary

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



232.7500, -14.1737, 19.5133



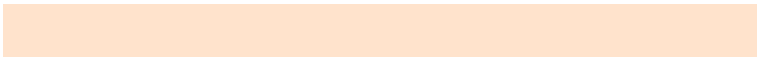
226.2500, 14.1738, -19.5132

# 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.



231.0340, 11.8152, -9.6768



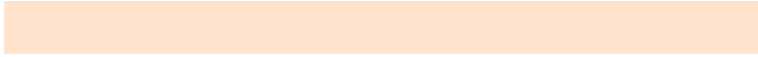
232.7500, -14.1737, 19.5133



227.3860, 11.1487, -29.2795

# Square

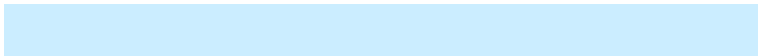
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.7500, -14.1737, 19.5133



227.5540, -3.7241, -18.9029



228.8860, 12.8742, -22.7020



234.9620, 4.4557, 17.5733



# Rectangle

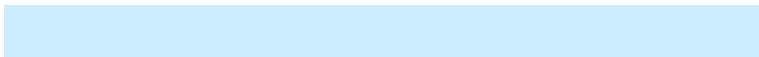
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.7500, -14.1737, 19.5133



229.7860, -12.2195, -0.6893



228.8860, 12.8742, -22.7020



232.5730, 11.0565, 0.3745

# Sweetspot

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



232.7500, -14.1737, 19.5133



248.5940, -4.2368, 5.6181



222.4410, 4.7126, 28.5542



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.



232.7500, -14.1737, 19.5133



228.0880, -16.8054, 23.6018



247.4250, -21.4085, 6.6433



122.4090, -3.6526, 4.9033



107.5910, -53.0424, 73.1497

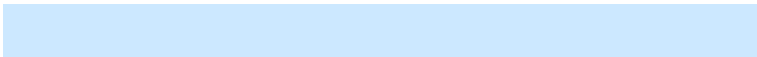


36.1590, -17.8264, 24.4166

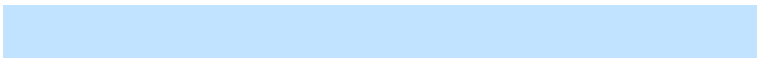


# Inverse Universe

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



226.2500, 14.1738, -19.5132



220.3250, 17.0948, -23.0870



211.5750, 21.4085, -6.6433



120.5910, 3.6526, -4.9033



83.4090, 53.0424, -73.1497

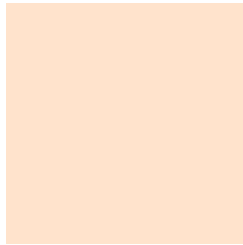


27.8410, 17.8264, -24.4166



# Previews

## White Background



This preview shows how the YUV color 232.7500, -14.1737, 19.5133 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 232.7500, -14.1737, 19.5133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

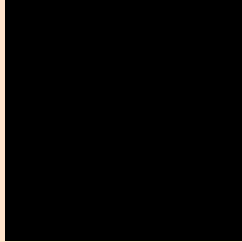
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 232.7500, -14.1737, 19.5133

## Background



This preview shows how black text looks on a background with the YUV color 232.7500, -14.1737, 19.5133.



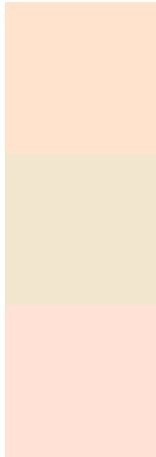
This preview shows how white text looks on a background with the YUV color 232.7500, -14.1737, 19.5133.



# 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

232.7500, -14.1737, 19.5133

### Protanopia

231.4390, -12.5414, 9.2620

### Deuteranopia

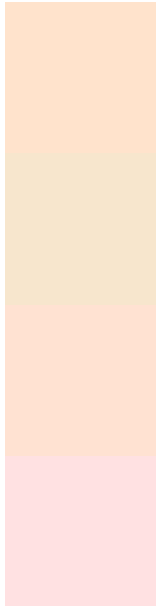
233.1890, -9.9532, 19.1282



## Tritanopia

234.8650, 1.5456, 17.6584

# Trichromacy



## Original Color

232.7500, -14.1737, 19.5133

## Protanomaly

232.2330, -13.4259, 12.9507

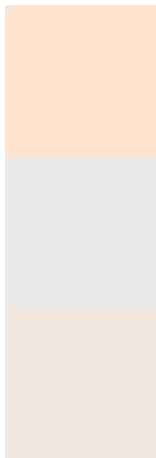
## Deuteranomaly

232.8470, -11.2636, 19.4282

## Tritanomaly

234.0840, -3.9854, 18.3433

# Monochromacy



## Original Color

232.7500, -14.1737, 19.5133

## Achromatopsia

233.0000, 0.0000, 0.0000

## Achromatomaly

232.9640, -5.4053, 7.0476

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.7500, -14.1737, 19.5133 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, 227, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 204)  
}
```

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, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 204) }
```

## Border

The CSS property to change the border of an element to YUV 232.7500, -14.1737, 19.5133 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, 227, 204) }
```



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

```
.border{ border-color:rgb(255, 227, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 232.7500, -14.1737, 19.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 204) }
```

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

```
.background{ background-color: rgb(255,  
227, 204) }
```

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