

# Converting Colors

YUV(222.3300, -27.2777,  
22.5126)

Have a look what the booklet for  
YUV(222.3300, -27.2777, 22.5126)  
contains.

<b>YUV(222.3300, -27.2777, 22.5126)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**YUV(222.3300, -27.2777,  
22.5126)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F8DCA7
RGB	248, 220, 167
RGB Percent	97%, 86%, 65%
CMY	0.0275, 0.1373, 0.3451
CMYK	0.00, 0.11, 0.33, 0.03
HSL	39°, 85%, 81%
HSV	39°, 33%, 97%
XYZ	71.2797, 73.9329, 47.0728
YIQ	222.3300, 33.7010, -10.5470

# Conversions

## Conversions Part 2

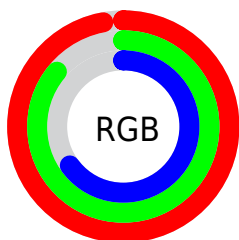
Format	Color
<a href="#">RYB</a>	<a href="#">210, 248, 167</a>
Decimal	<a href="#">16309415</a>
CIELab	<a href="#">88.89, 2.15, 29.62</a>
CIELCh	<a href="#">89, 29.696, 85.842</a>
Yxy	<a href="#">73.9329, 0.3707, 0.3845</a>
Android (android.graphics.Color)	<a href="#">4294499495</a> (0xFFFF8DCA7)
YUV	<a href="#">222.3300, -27.2777, 22.5126</a>
Hunter-Lab	<a href="#">85.9842, -2.4986, 27.7301</a>

# Details

The YUV color **222.3300, -27.2777, 22.5126** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **192.6700, 27.2777, -22.5126**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.2380, -14.4143, 3.2993**, and **167.0740, -25.6725, 20.9831** is the 20% darker color. If you saturate the color by 10%, you get **214.1970, -35.5931, 29.6452**, and if you desaturate by 10%, it is **230.4630, -18.9623, 15.3799**.

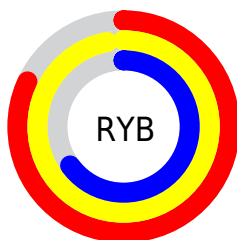
# Distribution



Red (97%)

Green (86%)

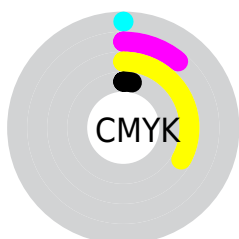
Blue (65%)



Red (82%)

Yellow (97%)

Blue (65%)

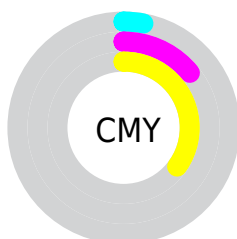


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (3%)



Cyan (3%)

Magenta (14%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 222.3300, -27.2777, 22.5126 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 222.3300, -27.2777, 22.5126 by changing the saturation by 10% instead.




 222.3300,  
-27.2777, 22.5126

 222.3300,  
-27.2777, 22.5126


255.0000, 0.0000,  
0.0000


 194.1450,  
-26.6935, 21.7978


 251.2380,  
-14.4143, 3.2993


 167.0740,  
-25.6725, 20.9831

 254.5440, -1.7472,  
0.3999

 140.5900,  
-24.9409, 19.6536


 114.5190,  
-23.9199, 18.8388


 89.7360, -23.0408,  
16.8945


 66.1380, -22.7460,  
15.6650


 43.7680, -21.5776,


14.2355


 24.5530, -12.1046,  
9.1620


 0.0000, 0.0000,  
0.0000

 222.3300,  
-27.2777, 22.5126

 222.3300,  
-27.2777, 22.5126


 214.1970,  
-35.5931, 29.6452


 230.4630,  
-18.9623, 15.3799

 206.6510,  
-44.1979, 36.2631

 238.0090,  
-10.3574, 8.7621

 198.6320,  
-52.0766, 43.2957

 246.0280, -2.4788,  
1.7294

 191.0860,  
-60.6814, 49.9136

 252.3200, 1.3212,  
-3.7886

182.9530,  
-68.9968, 57.0462

252.9070, 1.0318,  
-4.3034

175.4070,  
-77.6017, 63.6641

169.2460,  
-83.4383, 69.0673

# Harmonies

## Analogous

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



220.2800, -21.3370, 30.4494



222.3300, -27.2777, 22.5126



219.2130, -23.2760, -1.0638

# Triad

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



222.3300, -27.2777, 22.5126



210.6100, 17.9403, -61.0480



227.4110, 13.6014, 24.1956

# Complementary

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



222.3300, -27.2777, 22.5126



192.6700, 27.2777, -22.5126

# 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.



223.1260, 15.7139, -0.1105



222.3300, -27.2777, 22.5126



212.1640, 21.1181, -53.6408

# Square

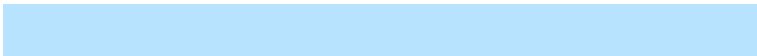
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.3300, -27.2777, 22.5126



211.7890, 3.0620, -48.9270



217.0360, 18.7163, -29.8496



221.3980, 3.2548, 29.4690

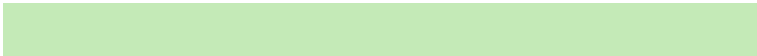


# Rectangle

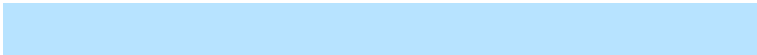
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.3300, -27.2777, 22.5126



216.8240, -16.6752, -18.2626



217.0360, 18.7163, -29.8496



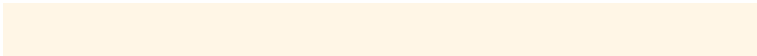
226.4810, 14.0599, 17.1182

# Sweetspot

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



222.3300, -27.2777, 22.5126



246.8670, -8.3154, 7.1326



194.4110, 0.2904, 46.9976



122.6540, -5.2524, 4.6884



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.



222.3300, -27.2777, 22.5126



223.7560, -33.4037, 27.4010



235.1780, -33.6118, 0.7209



121.1700, -4.5208, 3.3589



128.7120, -63.4550, 52.8726



41.7190, -20.5675, 16.9094



# Inverse Universe

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



192.6700, 27.2777, -22.5126



187.2440, 33.4037, -27.4010



179.8220, 33.6118, -0.7209



116.4170, 4.2314, -3.8737



59.7010, 63.7444, -52.3578

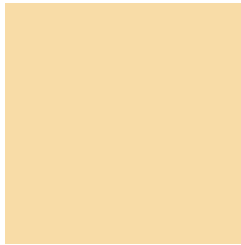


19.2810, 20.5675, -16.9094



# Previews

## White Background



This preview shows how the YUV color 222.3300, -27.2777, 22.5126 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

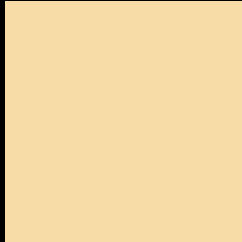
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.3300, -27.2777, 22.5126 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

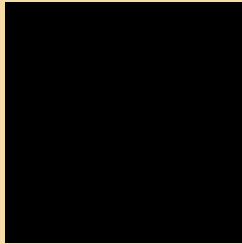
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 222.3300, -27.2777, 22.5126

## Background



This preview shows how black text looks on a background with the YUV color 222.3300, -27.2777, 22.5126.



This preview shows how white text looks on a background with the YUV color 222.3300, -27.2777,



# 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

222.3300, -27.2777, 22.5126

### Protanopia

221.5140, -26.3824, 15.3352

### Deuteranopia

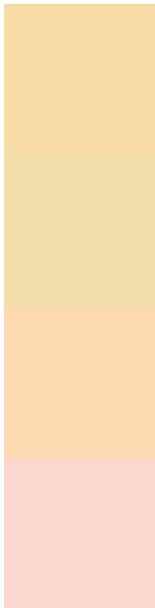
223.7850, -20.6000, 27.3756



## Tritanopia

226.6810, 0.6503, 24.8358

# Trichromacy



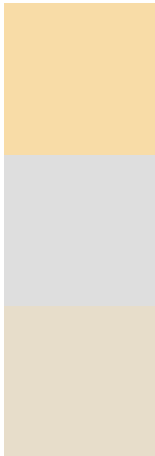
**Original Color**  
222.3300, -27.2777, 22.5126

**Protanomaly**  
221.8240, -26.5352, 17.6944

**Deuteranomaly**  
222.9050, -22.6312, 25.5163

**Tritanomaly**  
225.0370, -9.3852, 23.6466

# Monochromacy



**Original Color**  
222.3300, -27.2777, 22.5126

**Achromatopsia**  
222.0000, 0.0000, 0.0000

**Achromatomaly**  
221.8240, -9.7732, 8.0474

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.3300, -27.2777, 22.5126 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(248, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 167)  
}
```

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(248, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 167) }
```

## Border

The CSS property to change the border of an element to YUV 222.3300, -27.2777, 22.5126 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(248, 220, 167) }
```



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

```
.border{ border-color:rgb(248, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 167);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
167) }
```

# Background

The CSS property to change the background color of an element to YUV 222.3300, -27.2777, 22.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 167) }
```

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

```
.background{ background-color: rgb(248,  
220, 167) }
```

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