

# Converting Colors

YUV(225.8370, -12.7376,  
25.5760)

Have a look what the booklet for  
YUV(225.8370, -12.7376, 25.5760)  
contains.

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# Color

**YUV(225.8370, -12.7376,  
25.5760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD8C8
RGB	255, 216, 200
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1529, 0.2157
CMYK	0.00, 0.15, 0.22, 0.00
HSL	17°, 100%, 89%
HSV	17°, 22%, 100%
XYZ	76.2212, 74.5419, 65.0143
YIQ	225.8370, 28.3800, 3.2920

# Conversions

## Conversions Part 2

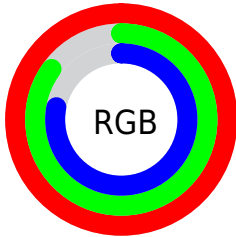
Format	Color
R <sub>Y</sub> B	255, 223, 200
Decimal	16767176
CIE Lab	89.18, 11.18, 12.93
CIE LCh	89, 17.090, 49.147
Yxy	74.5419, 0.3532, 0.3455
Android (android.graphics.Color)	4294957256 (0xFFFFD8C8)
YUV	225.8370, -12.7376, 25.5760
Hunter-Lab	86.3376, 6.4938, 15.7895

# Details

The YUV color  $225.8370, -12.7376, 25.5760$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $229.1630, 12.7376, -25.5760$ , and the grayscale version is  $226.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $170.3530, -12.0060, 24.2464$  is the 20% darker color. If you saturate the color by 10%, you get  $212.4210, -18.4486, 37.3418$ , and if you desaturate by 10%, it is  $239.3670, -6.5899, 13.7101$ .

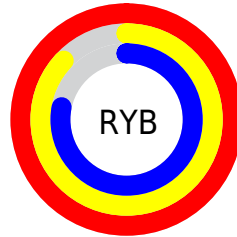
# Distribution



Red (100%)

Green (85%)

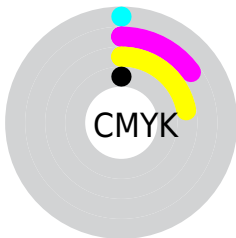
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

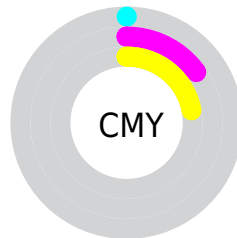


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.8370, -12.7376, 25.5760 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 225.8370, -12.7376, 25.5760 by changing the saturation by 10% instead.



225.8370,  
-12.7376, 25.5760

225.8370,  
-12.7376, 25.5760

255.0000, 0.0000,  
0.0000

197.6520,  
-12.1534, 24.8612

170.3530,  
-12.0060, 24.2464

143.7550,  
-11.7112, 23.0169

118.2710,  
-10.9796, 21.6873

93.0860, -10.3954,  
20.9726

69.1890, -9.9532,  
19.1282

46.7050, -9.2216,

17.7987

■ 24.6510, -10.6739,  
16.9691

■ 5.3820, -2.6533,  
11.0660

■ 225.8370,  
-12.7376, 25.5760

■ 225.8370,  
-12.7376, 25.5760

■ 212.4210,  
-18.4486, 37.3418

■ 239.3670, -6.5899,  
13.7101

■ 198.8910,  
-24.5963, 49.2076

■ 252.7830, -0.8790,  
1.9443

■ 185.3610,  
-30.7440, 61.0734

255.0000, 0.0000,  
0.0000

■ 171.9450,  
-36.4549, 72.8392

■ 158.5290,  
-42.1658, 84.6051

■ 144.9990,  
-48.3135, 96.4709

■ 130.9960,  
-53.7350, 108.7515

■ 119.6830,  
-59.0037, 118.6730

# Harmonies

## Analogous

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



225.6720, -5.7543, 25.7207



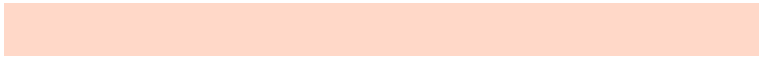
225.8370, -12.7376, 25.5760



224.2720, -15.9101, 16.4245

# Triad

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



225.8370, -12.7376, 25.5760



218.6180, -0.7977, -24.2210



225.1640, 14.7091, -4.5288

# Complementary

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



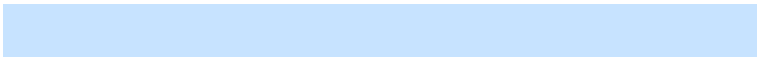
225.8370, -12.7376, 25.5760



229.1630, 12.7376, -25.5760

# 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.



221.8200, 16.3577, -20.0131



225.8370, -12.7376, 25.5760



218.4520, 7.6652, -31.9684

# Square

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



225.8370, -12.7376, 25.5760



220.5180, -9.1294, -11.8553



219.1840, 14.2063, -29.9794



227.1830, 9.2768, 11.2405



# Rectangle

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



225.8370, -12.7376, 25.5760



223.3310, -15.4462, 7.6027



219.1840, 14.2063, -29.9794



224.2450, 15.1622, -9.8619

# Sweetspot

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



225.8370, -12.7376, 25.5760



246.8330, -3.3687, 7.1625



220.8910, 8.9277, 29.9136



122.8650, -1.9054, 4.5034



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.



225.8370, -12.7376, 25.5760



219.8870, -15.2273, 30.7941



241.6860, -20.5512, 11.6764



120.6480, -2.7845, 6.4477



89.9810, -44.3606, 88.5937

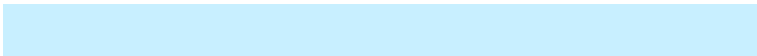


30.2890, -14.9325, 29.5645



# Inverse Universe

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



229.1630, 12.7376, -25.5760



224.1130, 15.2273, -30.7941



213.3140, 20.5512, -11.6764



121.7650, 3.0739, -5.9329



101.6060, 44.0712, -89.1085

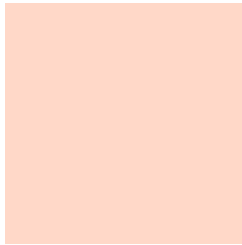


33.7110, 14.9325, -29.5645



# Previews

## White Background



This preview shows how the YUV color 225.8370, -12.7376, 25.5760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

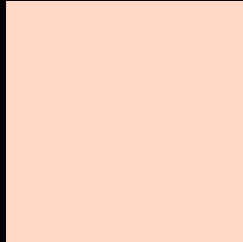
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.8370, -12.7376, 25.5760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

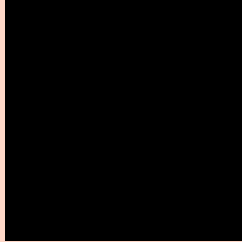
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 225.8370, -12.7376, 25.5760

## Background



This preview shows how black text looks on a background with the YUV color 225.8370, -12.7376, 25.5760.



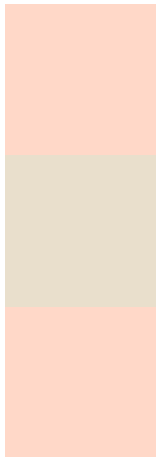
This preview shows how white text looks on a background with the YUV color 225.8370, -12.7376, 25.5760.

25.5760.

# 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

225.8370, -12.7376, 25.5760

### Protanopia

223.8240, -9.7732, 8.0474

### Deuteranopia

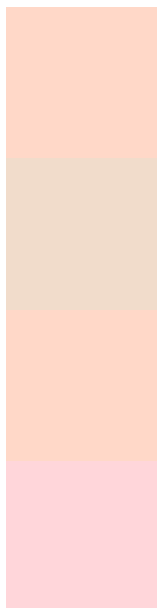
225.8370, -12.7376, 25.5760



## Tritanopia

227.2680, 0.3609, 24.3210

# Trichromacy



## Original Color

225.8370, -12.7376, 25.5760

## Protanomaly

224.3410, -10.5211, 14.6099

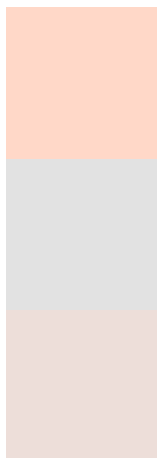
## Deuteranomaly

225.8370, -12.7376, 25.5760

## Tritanomaly

226.7150, -4.2965, 24.8059

# Monochromacy



## Original Color

225.8370, -12.7376, 25.5760

## Achromatopsia

226.0000, 0.0000, 0.0000

## Achromatomaly

225.9150, -4.3951, 9.7215

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.8370, -12.7376, 25.5760 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, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 200) }
```

## Border

The CSS property to change the border of an element to YUV 225.8370, -12.7376, 25.5760 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, 216, 200) }
```



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

```
.border{ border-color:rgb(255, 216, 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, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 200); box-shadow:4px 4px 4px 4px rgb(255, 216, 200) }
```

# Background

The CSS property to change the background color of an element to YUV 225.8370, -12.7376, 25.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 200) }
```

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

```
.background{ background-color: rgb(255,  
216, 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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