

# Converting Colors

YUV(222.6740, -12.1643,  
28.3499)

Have a look what the booklet for  
YUV(222.6740, -12.1643, 28.3499)  
contains.

<b>YUV(222.6740, -12.1643, 28.3499)</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(222.6740, -12.1643,  
28.3499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFD3C6
RGB	255, 211, 198
RGB Percent	100%, 83%, 78%
CMY	0.0000, 0.1725, 0.2235
CMYK	0.00, 0.17, 0.22, 0.00
HSL	14°, 100%, 89%
HSV	14°, 22%, 100%
XYZ	74.7273, 71.9257, 63.3706
YIQ	222.6740, 30.3970, 5.2850

# Conversions

## Conversions Part 2

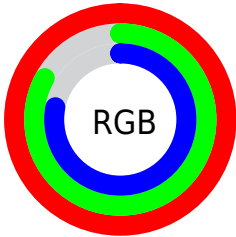
Format	Color
R <sub>Y</sub> B	255, 215, 198
Decimal	16765894
CIE Lab	87.93, 13.49, 12.21
CIE LCh	88, 18.197, 42.150
Yxy	71.9257, 0.3558, 0.3425
Android (android.graphics.Color)	4294955974 (0xFFFFD3C6)
YUV	222.6740, -12.1643, 28.3499
Hunter-Lab	84.8090, 8.8648, 15.0640

# Details

The YUV color  $222.6740, -12.1643, 28.3499$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $230.3260, 12.1643, -28.3499$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $167.1900, -11.4327, 27.0204$  is the 20% darker color. If you saturate the color by 10%, you get  $208.0840, -17.2964, 41.1453$ , and if you desaturate by 10%, it is  $237.3780, -6.5954, 15.4545$ .

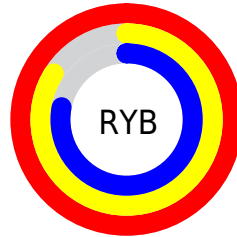
# Distribution



Red (100%)

Green (83%)

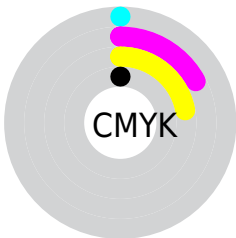
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

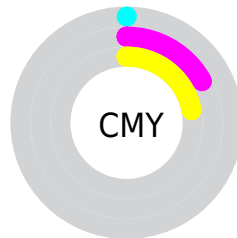


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.6740, -12.1643, 28.3499 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 222.6740, -12.1643, 28.3499 by changing the saturation by 10% instead.



222.6740,  
-12.1643, 28.3499

222.6740,  
-12.1643, 28.3499

255.0000, 0.0000,  
0.0000

194.4890,  
-11.5801, 27.6351

167.1900,  
-11.4327, 27.0204

140.7060,  
-10.7011, 25.6908

115.1080,  
-10.4062, 24.4613

90.5100, -10.1114,  
23.2317

66.7270, -9.2324,  
21.2874

43.9440, -8.3534,

19.3431

■ 21.9610, -10.8268,  
19.3282

■ 3.5880, -1.7689,  
7.3773

■ 222.6740,  
-12.1643, 28.3499

■ 222.6740,  
-12.1643, 28.3499

■ 208.0840,  
-17.2964, 41.1453

■ 237.3780, -6.5954,  
15.4545

■ 193.9670,  
-23.1547, 53.5259

■ 251.3810, -1.1738,  
3.1739

■ 179.3770,  
-28.2869, 66.3214

255.0000, 0.0000,  
0.0000

■ 164.6730,  
-33.8558, 79.2168

■ 150.6700,  
-39.2773, 91.4974

■ 135.9660,  
-44.8462, 104.3928

■ 121.3760,  
-49.9784, 117.1882

■ 110.2910,  
-54.3735, 126.9098

# Harmonies

## Analogous

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



223.3240, -4.5967, 27.7799



222.6740, -12.1643, 28.3499



221.1800, -16.3577, 20.0131

# Triad

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



222.6740, -12.1643, 28.3499



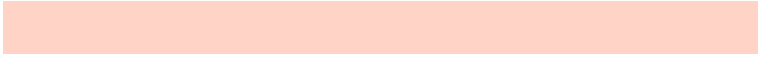
215.3470, -3.1291, -23.1063



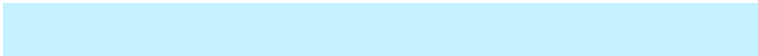
221.1850, 16.1778, -8.9322

# Complementary

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



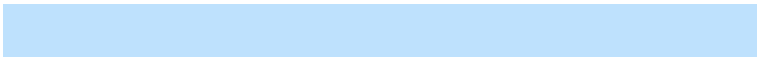
222.6740, -12.1643, 28.3499



230.3260, 12.1643, -28.3499

# 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.



217.7270, 17.3896, -24.3166



222.6740, -12.1643, 28.3499



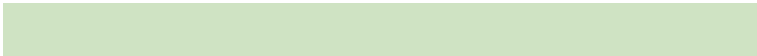
214.3980, 6.2128, -32.7980

# Square

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



222.6740, -12.1643, 28.3499



217.3720, -11.0294, -9.0962



215.0480, 13.7803, -33.3681



223.0300, 11.3242, 7.8667



# Rectangle

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



222.6740, -12.1643, 28.3499



220.0110, -16.7674, 11.3914



215.0480, 13.7803, -33.3681



220.0810, 17.2151, -14.9800

# Sweetspot

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



222.6740, -12.1643, 28.3499



244.7300, -3.8109, 9.0068



220.1730, 11.2537, 30.5433



122.0500, -2.4896, 5.2182



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.



222.6740, -12.1643, 28.3499



216.0230, -14.8013, 34.1828



239.1100, -20.2672, 13.9355



120.6480, -2.7845, 6.4477



82.9370, -40.8879, 94.7713

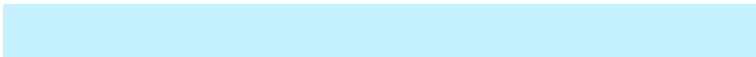


27.9410, -13.7749, 31.6237

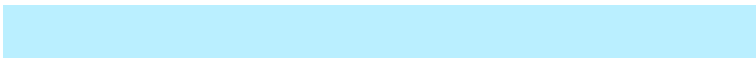


# Inverse Universe

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



230.3260, 12.1643, -28.3499



224.9770, 14.8013, -34.1828



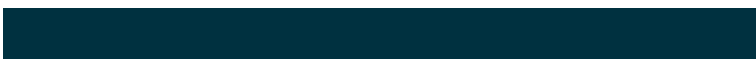
213.8900, 20.2672, -13.9355



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237



# Previews

## White Background



This preview shows how the YUV color 222.6740, -12.1643, 28.3499 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

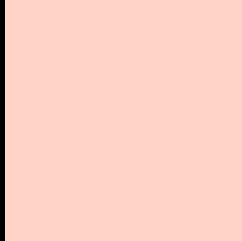
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.6740, -12.1643, 28.3499 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

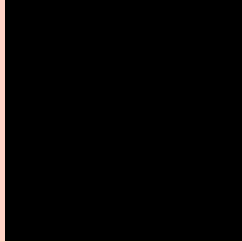
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 222.6740, -12.1643, 28.3499

## Background



This preview shows how black text looks on a background with the YUV color 222.6740, -12.1643, 28.3499.



This preview shows how white text looks on a background with the YUV color 222.6740, -12.1643, 28.3499.

28.3499.

# 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

222.6740, -12.1643, 28.3499

### Protanopia

220.7530, -8.7522, 7.2326

### Deuteranopia

222.6520, -12.1534, 24.8612



## Tritanopia

223.7630, -0.3762, 27.3948

# Trichromacy



## Original Color

222.6740, -12.1643, 28.3499

## Protanomaly

221.4550, -10.0843, 14.5100

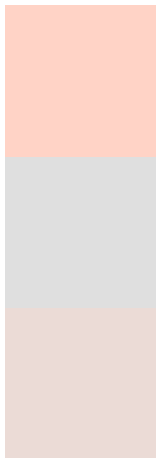
## Deuteranomaly

222.3640, -12.0115, 25.9908

## Tritanomaly

223.3240, -4.5967, 27.7799

# Monochromacy



## Original Color

222.6740, -12.1643, 28.3499

## Achromatopsia

223.0000, 0.0000, 0.0000

## Achromatomaly

223.2140, -4.5425, 10.3363

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.6740, -12.1643, 28.3499 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, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 198)  
}
```

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, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 198) }
```

## Border

The CSS property to change the border of an element to YUV 222.6740, -12.1643, 28.3499 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, 211, 198) }
```



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

```
.border{ border-color:rgb(255, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 222.6740, -12.1643, 28.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 198) }
```

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

```
.background{ background-color: rgb(255,  
211, 198) }
```

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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