

# Converting Colors

YUV(222.6860, -17.1002,  
24.8314)

Have a look what the booklet for  
YUV(222.6860, -17.1002, 24.8314)  
contains.

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# Color

**YUV(222.6860, -17.1002,  
24.8314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBD7BC
RGB	251, 215, 188
RGB Percent	98%, 84%, 74%
CMY	0.0157, 0.1569, 0.2627
CMYK	0.00, 0.14, 0.25, 0.02
HSL	26°, 89%, 86%
HSV	26°, 25%, 98%
XYZ	73.1612, 72.7409, 57.7613
YIQ	222.6860, 30.1230, -0.7650

# Conversions

## Conversions Part 2

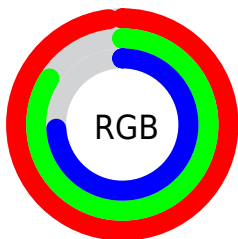
Format	Color
R <sub>Y</sub> B	251, 235, 188
Decimal	16504764
CIE Lab	88.32, 8.56, 17.97
CIE LCh	88, 19.900, 64.529
Yxy	72.7409, 0.3592, 0.3572
Android (android.graphics.Color)	4294694844 (0xFFFB7BC)
YUV	222.6860, -17.1002, 24.8314
Hunter-Lab	85.2883, 3.8646, 19.5478

# Details

The YUV color  $222.6860, -17.1002, 24.8314$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $216.3140, 17.1002, -24.8314$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.7460, -4.8048, 1.0998$ , and  $167.3160, -15.9318, 23.4019$  is the 20% darker color. If you saturate the color by 10%, you get  $211.6180, -23.9687, 34.5380$ , and if you desaturate by 10%, it is  $233.7540, -10.2317, 15.1247$ .

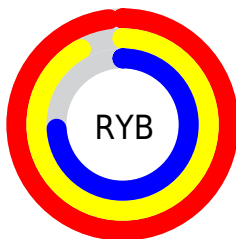
# Distribution



Red (98%)

Green (84%)

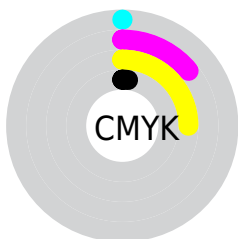
Blue (74%)



Red (98%)

Yellow (92%)

Blue (74%)

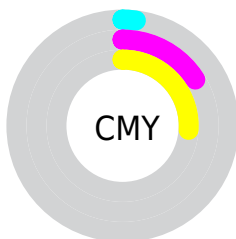


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (2%)



Cyan (2%)

Magenta (16%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.6860, -17.1002, 24.8314 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 222.6860, -17.1002, 24.8314 by changing the saturation by 10% instead.



222.6860,  
-17.1002, 24.8314

222.6860,  
-17.1002, 24.8314

255.0000, 0.0000,  
0.0000

194.5010,  
-16.5160, 24.1166

253.7460, -4.8048,  
1.0998

167.3160,  
-15.9318, 23.4019

140.7180,  
-15.6370, 22.1723

115.2340,  
-14.9054, 20.8428

90.7500, -14.1737,  
19.5133

66.5650, -13.5895,  
18.7985

43.8960, -12.2737,

16.7542

■ 23.4120, -11.5421,  
15.4247

■ 0.8970, -0.4422,  
1.8443

■ 222.6860,  
-17.1002, 24.8314

■ 222.6860,  
-17.1002, 24.8314

■ 211.6180,  
-23.9687, 34.5380

■ 233.7540,  
-10.2317, 15.1247

■ 199.9630,  
-30.5478, 44.7594

■ 245.4090, -3.6526,  
4.9033

■ 188.8950,  
-37.4162, 54.4661

■ 253.8040, 0.5896,  
-2.4591

■ 177.8270,  
-44.2847, 64.1727

■ 166.1720,  
-50.8638, 74.3942

■ 154.9900,  
-58.1691, 84.2008

■ 143.9220,  
-65.0375, 93.9074

■ 138.4450,  
-68.2534, 98.7107

# Harmonies

## Analogous

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



222.4290, -10.5645, 28.5648



222.6860, -17.1002, 24.8314



220.6690, -18.0778, 11.6913

# Triad

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



222.6860, -17.1002, 24.8314



214.9310, 4.4710, -34.1425



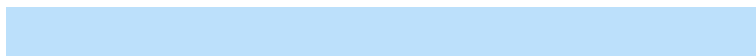
224.1050, 14.2452, 4.2929

# Complementary

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



222.6860, -17.1002, 24.8314



216.3140, 17.1002, -24.8314

# 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.



220.3800, 17.0677, -14.3653



222.6860, -17.1002, 24.8314



215.2000, 13.2124, -37.8864

# Square

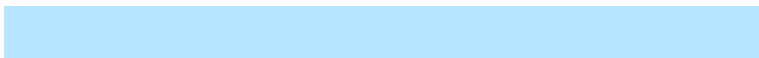
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.6860, -17.1002, 24.8314



216.0760, -5.4605, -21.9917



217.6230, 18.4269, -30.3644



225.4400, 6.1921, 20.6621



# Rectangle

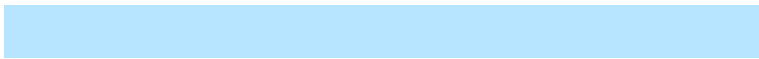
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.6860, -17.1002, 24.8314



219.1730, -15.8613, 0.7253



217.6230, 18.4269, -30.3644



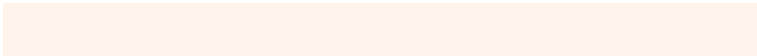
223.1150, 15.7193, -1.8549

# Sweetspot

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



222.6860, -17.1002, 24.8314



245.6760, -5.2633, 8.1771



211.0550, 6.8749, 35.0318



121.8220, -3.3632, 5.4181



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.



222.6860, -17.1002, 24.8314



220.5080, -20.4634, 30.2495



240.8830, -26.0713, 8.8726



119.4090, -3.6526, 4.9033



104.0580, -51.3006, 74.4941

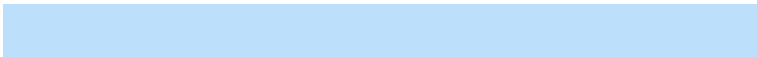


33.5010, -16.5160, 24.1166

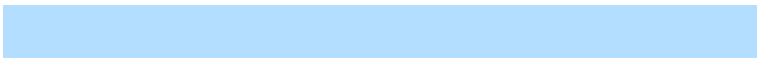


# Inverse Universe

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



216.3140, 17.1002, -24.8314



212.9050, 20.7528, -29.7347



198.1170, 26.0713, -8.8726



118.1780, 3.3632, -5.4181



84.9420, 51.3006, -74.4941



27.4990, 16.5160, -24.1166



# Previews

## White Background



This preview shows how the YUV color 222.6860, -17.1002, 24.8314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

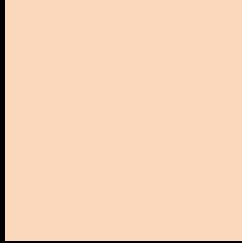
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.6860, -17.1002, 24.8314 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

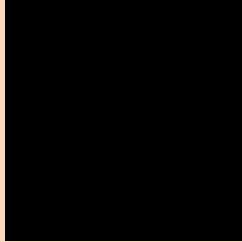
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 222.6860, -17.1002, 24.8314

## Background



This preview shows how black text looks on a background with the YUV color 222.6860, -17.1002, 24.8314.



This preview shows how white text looks on a background with the YUV color 222.6860, -17.1002, 24.8314.



# 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

222.6860, -17.1002, 24.8314

### Protanopia

221.1680, -14.8728, 10.3767

### Deuteranopia

222.7080, -17.1110, 28.3201



## Tritanopia

225.2790, 0.3555, 26.0653

# Trichromacy



## Original Color

222.6860, -17.1002, 24.8314

## Protanomaly

221.9730, -15.7627, 15.8097

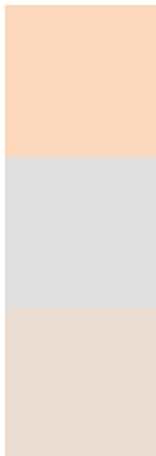
## Deuteranomaly

222.9960, -17.2530, 27.1905

## Tritanomaly

224.5580, -6.1911, 25.8206

# Monochromacy



## Original Color

222.6860, -17.1002, 24.8314

## Achromatopsia

223.0000, 0.0000, 0.0000

## Achromatomaly

222.7470, -6.2843, 8.9919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.6860, -17.1002, 24.8314 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(251, 215, 188)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 188)  
}
```

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(251, 215, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 188) }
```

## Border

The CSS property to change the border of an element to YUV 222.6860, -17.1002, 24.8314 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(251, 215, 188) }
```



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

```
.border{ border-color:rgb(251, 215, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 215, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 215, 188); box-shadow:4px 4px 4px 4px rgb(251, 215, 188) }
```

# Background

The CSS property to change the background color of an element to YUV 222.6860, -17.1002, 24.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 188) }
```

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

```
.background{ background-color: rgb(251,  
215, 188) }
```

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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