

# Converting Colors

YUV(230.5650, -13.5895,  
18.7985)

Have a look what the booklet for  
YUV(230.5650, -13.5895, 18.7985)  
contains.

<b>YUV(230.5650, -13.5895, 18.7985)</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(230.5650, -13.5895,  
18.7985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE1CB
RGB	252, 225, 203
RGB Percent	99%, 88%, 80%
CMY	0.0118, 0.1176, 0.2039
CMYK	0.00, 0.11, 0.19, 0.01
HSL	27°, 89%, 89%
HSV	27°, 19%, 99%
XYZ	77.8496, 78.8577, 67.6179
YIQ	230.5650, 23.1540, -1.1180

# Conversions

## Conversions Part 2

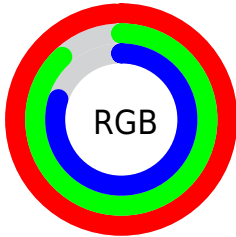
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 243, 203
Decimal	16572875
CIE Lab	91.17, 5.88, 14.14
CIE LCh	91, 15.315, 67.431
Yxy	78.8577, 0.3470, 0.3515
Android (android.graphics.Color)	4294762955 (0xFFFC E1CB)
YUV	230.5650, -13.5895, 18.7985
Hunter-Lab	88.8018, 1.0817, 17.0151

# Details

The YUV color  $230.5650, -13.5895, 18.7985$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $224.4350, 13.5895, -18.7985$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $175.0810, -12.8579, 17.4690$  is the 20% darker color. If you saturate the color by 10%, you get  $219.4970, -20.4580, 28.5051$ , and if you desaturate by 10%, it is  $241.6330, -6.7211, 9.0919$ .

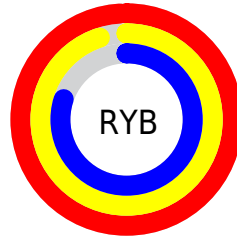
# Distribution



Red (99%)

Green (88%)

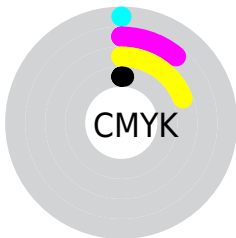
Blue (80%)



Red (99%)

Yellow (95%)

Blue (80%)

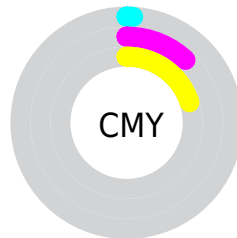


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.5650, -13.5895, 18.7985 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 230.5650, -13.5895, 18.7985 by changing the saturation by 10% instead.



230.5650,  
-13.5895, 18.7985

230.5650,  
-13.5895, 18.7985

255.0000, 0.0000,  
0.0000

202.3800,  
-13.0053, 18.0837

175.0810,  
-12.8579, 17.4690

148.1950,  
-12.4211, 17.3690

122.5970,  
-12.1263, 16.1394

97.4120, -11.5421,  
15.4247

73.9280, -10.8105,  
14.0951

50.7430, -10.2263,

13.3804

■ 28.8030, -11.2419,  
12.4508

■ 5.6810, -2.8007,  
11.6808

■ 230.5650,  
-13.5895, 18.7985

■ 230.5650,  
-13.5895, 18.7985

■ 219.4970,  
-20.4580, 28.5051

■ 241.6330, -6.7211,  
9.0919

■ 208.4290,  
-27.3265, 38.2118

■ 252.7010, 0.1474,  
-0.6148

■ 197.2470,  
-34.6318, 48.0184

■ 254.1030, 0.4422,  
-1.8443

■ 186.1790,  
-41.5002, 57.7250

■ 175.6980,  
-48.6581, 66.9169

■ 164.6300,  
-55.5266, 76.6235

■ 153.5620,  
-62.3951, 86.3301

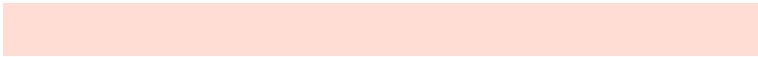
■ 142.3800,  
-69.7003, 96.1367

■ 141.6790,  
-69.8477, 96.7515

# Harmonies

## Analogous

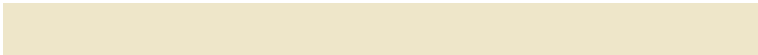
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1400, -8.9430, 21.8022



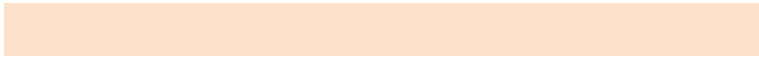
230.5650, -13.5895, 18.7985



229.0860, -13.8464, 7.8176

# Triad

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



230.5650, -13.5895, 18.7985



225.1600, 3.8651, -26.4503



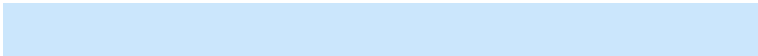
231.7800, 10.4615, 4.5779

# Complementary

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



230.5650, -13.5895, 18.7985



224.4350, 13.5895, -18.7985

# 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.



229.5610, 12.5414, -9.2620



230.5650, -13.5895, 18.7985



224.9840, 10.8539, -28.0500

# Square

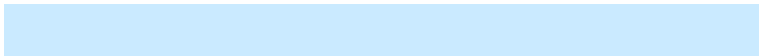
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.5650, -13.5895, 18.7985



225.2660, -3.5821, -17.7733



226.8260, 13.8898, -21.7724



232.5490, 4.1663, 17.0585



# Rectangle

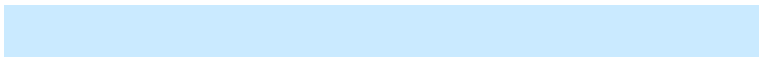
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.5650, -13.5895, 18.7985



227.9000, -11.7827, -0.7893



226.8260, 13.8898, -21.7724



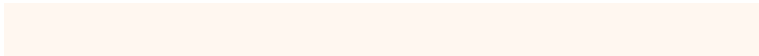
230.8010, 11.9301, 0.1745

# Sweetspot

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



230.5650, -13.5895, 18.7985



248.5940, -4.2368, 5.6181



220.8430, 5.0074, 27.3247



124.0390, -2.4842, 3.4738



0.0000, 0.0000, 0.0000

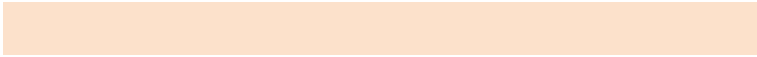


128.0000, 0.0000, 0.0000

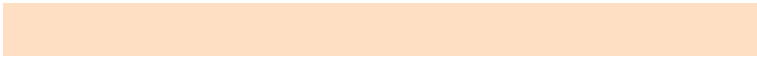


# Same Dimension

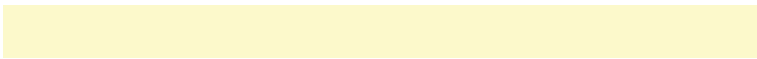
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.5650, -13.5895, 18.7985



229.4900, -16.5106, 22.3723



244.6530, -20.5349, 6.4433



119.4090, -3.6526, 4.9033



106.4060, -52.4582, 72.4349

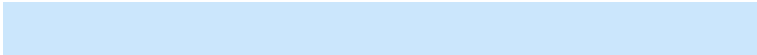


34.0880, -16.8054, 23.6018

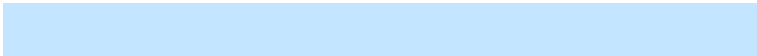


# Inverse Universe

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



224.4350, 13.5895, -18.7985



222.0970, 16.2212, -22.8871



210.3470, 20.5349, -6.4433



117.5910, 3.6526, -4.9033



82.5940, 52.4582, -72.4349

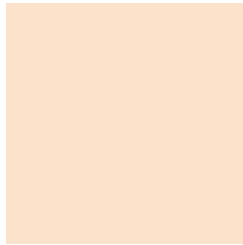


26.9120, 16.8054, -23.6018



# Previews

## White Background



This preview shows how the YUV color 230.5650, -13.5895, 18.7985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

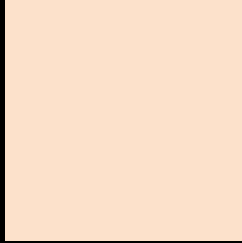
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.5650, -13.5895, 18.7985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

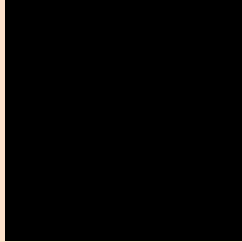
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.5650, -13.5895, 18.7985

## Background



This preview shows how black text looks on a background with the YUV color 230.5650, -13.5895, 18.7985.



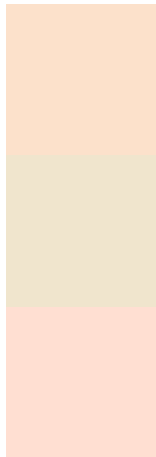
This preview shows how white text looks on a background with the YUV color 230.5650, -13.5895, 18.7985.



# 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

230.5650, -13.5895, 18.7985

### Protanopia

229.5530, -12.1046, 9.1620

### Deuteranopia

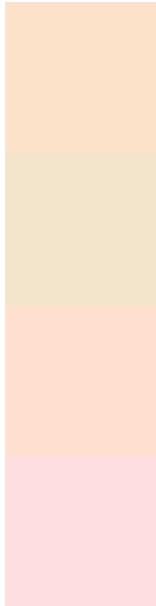
231.0860, -10.3954, 20.9726



## Tritanopia

232.9900, 1.9769, 19.3028

# Trichromacy



## Original Color

230.5650, -13.5895, 18.7985

## Protanomaly

230.0480, -12.8417, 12.2359

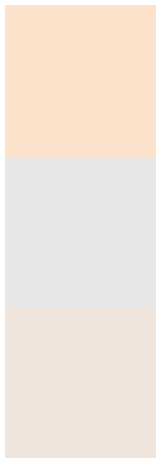
## Deuteranomaly

231.0320, -11.8478, 20.1429

## Tritanomaly

231.9100, -3.4066, 19.3729

# Monochromacy



## Original Color

230.5650, -13.5895, 18.7985

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.0780, -4.9685, 6.9476

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.5650, -13.5895, 18.7985 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(252, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 203)  
}
```

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(252, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 203) }
```

## Border

The CSS property to change the border of an element to YUV 230.5650, -13.5895, 18.7985 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(252, 225, 203) }
```



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

```
.border{ border-color:rgb(252, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 230.5650, -13.5895, 18.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 203) }
```

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

```
.background{ background-color: rgb(252,  
225, 203) }
```

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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