

# Converting Colors

YUV(230.3680, -8.0694,  
21.6023)

Have a look what the booklet for  
YUV(230.3680, -8.0694, 21.6023)  
contains.

<b>YUV(230.3680, -8.0694, 21.6023)</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(230.3680, -8.0694,  
21.6023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDDD6
RGB	255, 221, 214
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1333, 0.1608
CMYK	0.00, 0.13, 0.16, 0.00
HSL	10°, 100%, 92%
HSV	10°, 16%, 100%
XYZ	79.2341, 77.8279, 74.4645
YIQ	230.3680, 22.5110, 5.0310

# Conversions

## Conversions Part 2

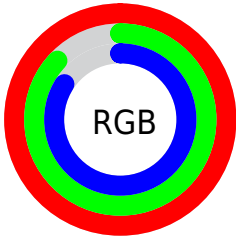
Format	Color
R <sub>Y</sub> B	255, 222, 214
Decimal	16768470
CIE Lab	90.70, 10.65, 7.76
CIE LCh	91, 13.180, 36.066
Yxy	77.8279, 0.3422, 0.3362
Android (android.graphics.Color)	4294958550 (0xFFFFDDD6)
YUV	230.3680, -8.0694, 21.6023
Hunter-Lab	88.2201, 5.9327, 11.7088

# Details

The YUV color  $230.3680, -8.0694, 21.6023$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $238.6320, 8.0694, -21.6023$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $174.7700, -7.7746, 20.3727$  is the 20% darker color. If you saturate the color by 10%, you get  $215.1910, -12.9122, 34.9125$ , and if you desaturate by 10%, it is  $245.6590, -2.7899, 8.1921$ .

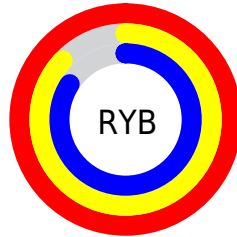
# Distribution



Red (100%)

Green (87%)

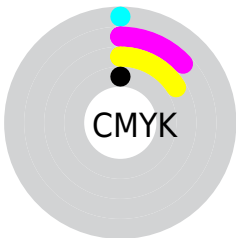
Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)

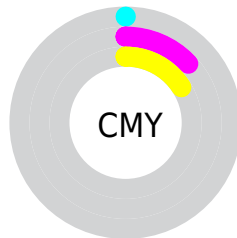


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.3680, -8.0694, 21.6023 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 230.3680, -8.0694, 21.6023 by changing the saturation by 10% instead.



230.3680, -8.0694,  
21.6023

230.3680, -8.0694,  
21.6023

255.0000, 0.0000,  
0.0000

202.0690, -7.9220,  
20.9875

174.7700, -7.7746,  
20.3727

148.1720, -7.4798,  
19.1432

122.2860, -7.0430,  
19.0432

97.1010, -6.4588,  
18.3284

73.2040, -6.0166,  
16.4841

50.6060, -5.7218,

15.2545

■ 29.0080, -5.4269,  
14.0250

■ 7.4750, -3.6852,  
15.3694

■ 230.3680, -8.0694,  
21.6023

■ 230.3680, -8.0694,  
21.6023

■ 215.1910,  
-12.9122, 34.9125

■ 245.6590, -2.7899,  
8.1921

■ 199.9000,  
-18.1917, 48.3227

255.0000, 0.0000,  
0.0000

■ 184.7230,  
-23.0344, 61.6329

■ 168.8450,  
-28.0246, 75.5579

■ 153.6680,  
-32.8673, 88.8682

■ 138.3770,  
-38.1469, 102.2784

■ 123.0860,  
-43.4264, 115.6886

■ 107.9090,  
-48.2691, 128.9988

■ 102.0730,  
-50.3220, 134.1170

# Harmonies

## Analogous

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



231.1490, -2.5385, 20.9173



230.3680, -8.0694, 21.6023



229.1240, -11.4001, 16.5543

# Triad

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



230.3680, -8.0694, 21.6023



224.9890, -3.4456, -14.8994



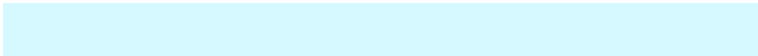
228.4470, 12.1046, -9.1620

# Complementary

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



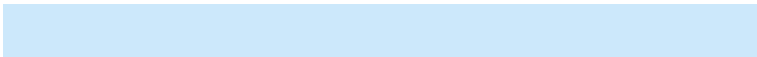
230.3680, -8.0694, 21.6023



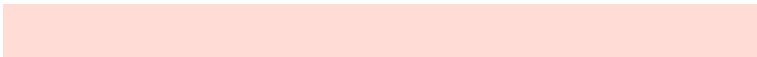
238.6320, 8.0694, -21.6023

# 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.



225.7940, 12.4266, -19.1133



230.3680, -8.0694, 21.6023



224.3670, 3.2701, -22.2469

# Square

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



230.3680, -8.0694, 21.6023



226.2740, -9.0091, -3.7483



224.5500, 9.0959, -24.1613



229.8400, 9.4459, 3.6483

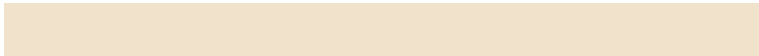


# Rectangle

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



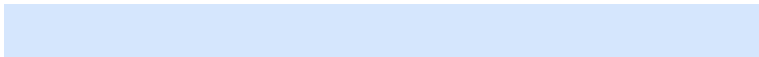
230.3680, -8.0694, 21.6023



228.4500, -12.5468, 11.0064



224.5500, 9.0959, -24.1613



227.5390, 12.5523, -12.7507

# Sweetspot

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



230.3680, -8.0694, 21.6023



247.0610, -2.4951, 6.9625



230.1350, 8.8074, 21.8066



122.9790, -1.4686, 4.4034



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

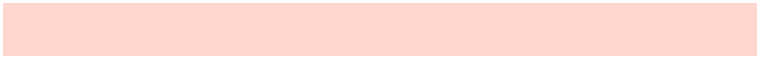


# Same Dimension

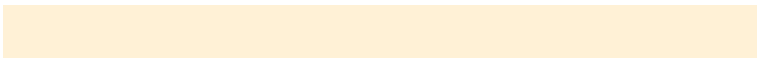
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.3680, -8.0694, 21.6023



226.0480, -9.3907, 25.3909



242.1080, -13.8572, 11.3063



120.0610, -2.4951, 6.9625



76.4800, -37.7046, 100.4340

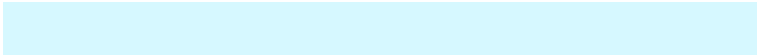


25.5930, -12.6173, 33.6829

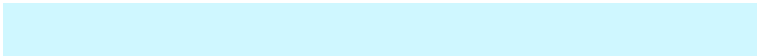


# Inverse Universe

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



238.6320, 8.0694, -21.6023



235.9520, 9.3907, -25.3909



226.8920, 13.8572, -11.3063



122.3520, 2.7845, -6.4477



115.1070, 37.4152, -100.9488

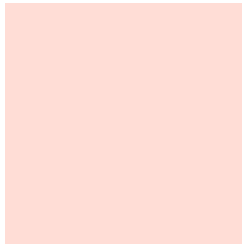


38.4070, 12.6173, -33.6829



# Previews

## White Background



This preview shows how the YUV color 230.3680, -8.0694, 21.6023 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

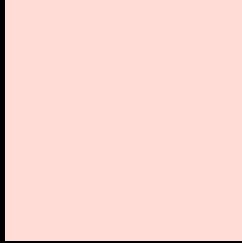
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.3680, -8.0694, 21.6023 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

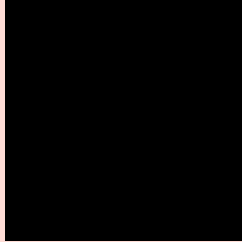
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

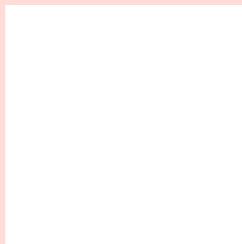
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 230.3680, -8.0694, 21.6023

## Background



This preview shows how black text looks on a background with the YUV color 230.3680, -8.0694, 21.6023.



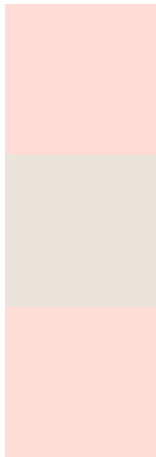
This preview shows how white text looks on a background with the YUV color 230.3680, -8.0694,

21.6023.

# 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

230.3680, -8.0694, 21.6023

### Protanopia

228.9530, -5.3998, 5.3032

### Deuteranopia

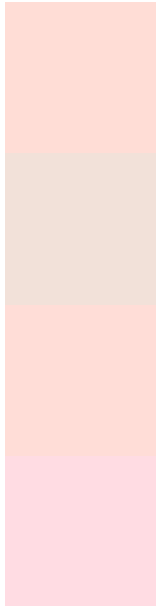
230.4820, -7.6326, 21.5023



## Tritanopia

231.4740, 1.2453, 20.6323

# Trichromacy



## Original Color

230.3680, -8.0694, 21.6023

## Protanomaly

229.1710, -6.0003, 11.2510

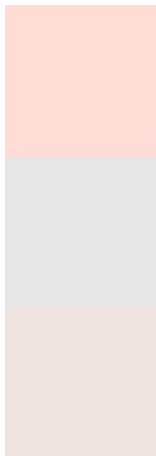
## Deuteranomaly

230.4820, -7.6326, 21.5023

## Tritanomaly

231.2630, -2.1017, 20.8173

# Monochromacy



## Original Color

230.3680, -8.0694, 21.6023

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

230.2460, -3.0793, 7.6773

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.3680, -8.0694, 21.6023 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, 221, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 214)  
}
```

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, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 214) }
```

## Border

The CSS property to change the border of an element to YUV 230.3680, -8.0694, 21.6023 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".

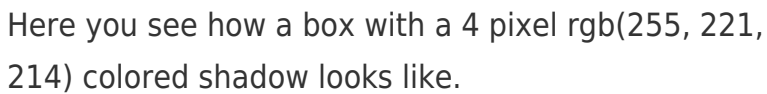
```
.border, #border, table{ border:4px solid rgb(255, 221, 214) }
```



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

```
.border{ border-color:rgb(255, 221, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 221, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 214); box-shadow:4px 4px 4px 4px rgb(255, 221, 214) }
```

# Background

The CSS property to change the background color of an element to YUV 230.3680, -8.0694, 21.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 214) }
```

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

```
.background{ background-color: rgb(255,  
221, 214) }
```

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