

# Converting Colors

YUV(230.9380, -5.8854,  
21.1024)

Have a look what the booklet for  
YUV(230.9380, -5.8854, 21.1024)  
contains.

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# Color

**YUV(230.9380, -5.8854,  
21.1024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDDDB
RGB	255, 221, 219
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1333, 0.1412
CMYK	0.00, 0.13, 0.14, 0.00
HSL	3°, 100%, 93%
HSV	3°, 14%, 100%
XYZ	79.8826, 78.0874, 77.8799
YIQ	230.9380, 20.9060, 6.5860

# Conversions

## Conversions Part 2

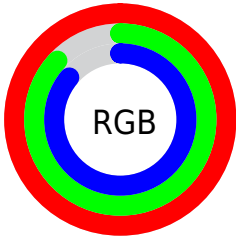
Format	Color
R <sub>Y</sub> B	255, 221, 219
Decimal	16768475
CIE Lab	90.82, 11.42, 5.31
CIE LCh	91, 12.598, 24.928
Yxy	78.0874, 0.3387, 0.3311
Android (android.graphics.Color)	4294958555 (0xFFFFDDDB)
YUV	230.9380, -5.8854, 21.1024
Hunter-Lab	88.3671, 6.7192, 9.6033

# Details

The YUV color  $230.9380, -5.8854, 21.1024$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $243.0620, 5.8854, -21.1024$ , 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  $175.3400, -5.5906, 19.8728$  is the 20% darker color. If you saturate the color by 10%, you get  $214.0000, -9.8600, 35.9570$ , and if you desaturate by 10%, it is  $247.8760, -1.9109, 6.2477$ .

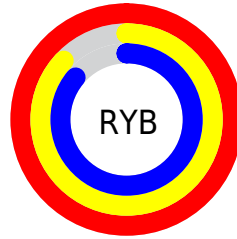
# Distribution



Red (100%)

Green (87%)

Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

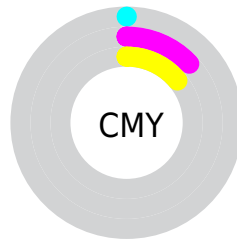


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.9380, -5.8854, 21.1024 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 230.9380, -5.8854, 21.1024 by changing the saturation by 10% instead.




 230.9380, -5.8854,  
21.1024


 230.9380, -5.8854,  
21.1024


255.0000, 0.0000,  
0.0000


 202.6390, -5.7380,  
20.4876

 175.3400, -5.5906,  
19.8728

 148.7420, -5.2958,  
18.6433

 122.7420, -5.2958,  
18.6433

 97.5570, -4.7116,  
17.9285

 73.9590, -4.4168,  
16.6990

 51.3610, -4.1220,

15.4694

■ 29.7630, -3.8272,  
14.2398

■ 7.7740, -3.8326,  
15.9842

■ 230.9380, -5.8854,  
21.1024

■ 230.9380, -5.8854,  
21.1024

■ 214.0000, -9.8600,  
35.9570

■ 247.8760, -1.9109,  
6.2477

■ 196.9480,  
-14.2714, 50.9116

255.0000, 0.0000,  
0.0000

■ 180.0100,  
-18.2459, 65.7662

■ 162.9580,  
-22.6573, 80.7208

■ 145.9060,  
-27.0687, 95.6754

■ 128.9680,  
-31.0432, 110.5301

■ 111.3290,  
-35.1652, 125.9995

■ 94.3910, -39.1398,  
140.8541

■ 84.4630, -41.6403,  
149.5609

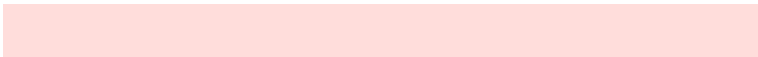
# Harmonies

## Analogous

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



231.4090, -0.2016, 18.0583



230.9380, -5.8854, 21.1024



229.7760, -10.2426, 18.6134

# Triad

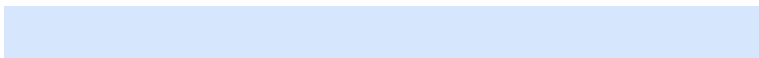
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.9380, -5.8854, 21.1024



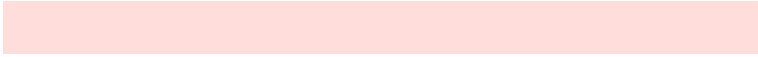
225.8540, -5.3510, -10.3960



227.7240, 11.9681, -12.0359

# Complementary

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



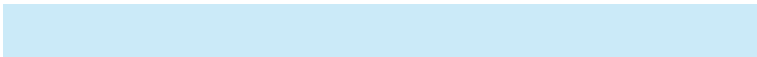
230.9380, -5.8854, 21.1024



243.0620, 5.8854, -21.1024

# 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.



226.3270, 10.6848, -20.4578



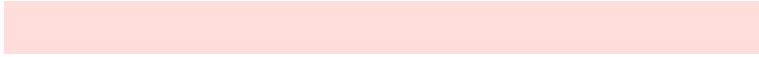
230.9380, -5.8854, 21.1024



224.9930, 0.4965, -19.2879

# Square

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



230.9380, -5.8854, 21.1024



227.3670, -10.0409, 0.5551



225.1650, 6.3277, -22.9467



229.6330, 10.0409, -0.5551

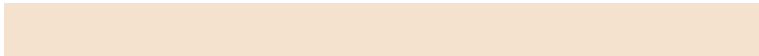


# Rectangle

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



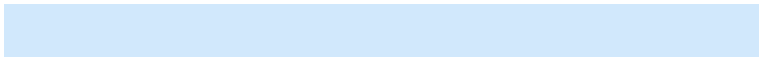
230.9380, -5.8854, 21.1024



229.4010, -11.5367, 13.6803



225.1650, 6.3277, -22.9467



227.4030, 12.1263, -16.1394

# Sweetspot

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



230.9380, -5.8854, 21.1024



247.9900, -1.4741, 6.1478



233.6400, 9.5445, 18.7327



123.0930, -1.0318, 4.3034



0.0000, 0.0000, 0.0000

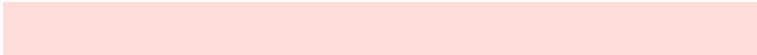


128.0000, 0.0000, 0.0000

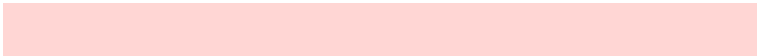


# Same Dimension

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



230.9380, -5.8854, 21.1024



226.0310, -6.9173, 25.4058



241.5040, -11.0945, 11.8360



118.8870, -1.9163, 7.9921



63.5660, -31.3380, 111.7596



21.4840, -10.5916, 37.2865

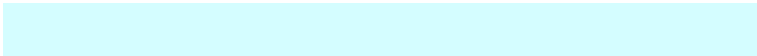


# Inverse Universe

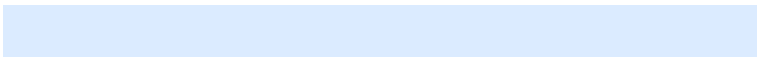
The Inverse Universe completely reimagines the original color for something new.



243.0620, 5.8854, -21.1024



240.9690, 6.9173, -25.4058



232.4960, 11.0945, -11.8360



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744

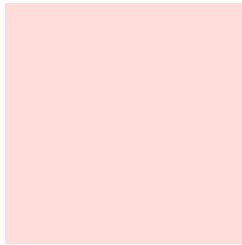


42.5160, 10.5916, -37.2865



# Previews

## White Background



This preview shows how the YUV color 230.9380, -5.8854, 21.1024 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

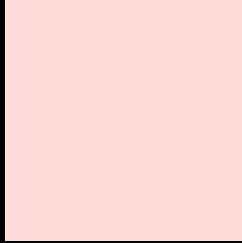
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.9380, -5.8854, 21.1024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

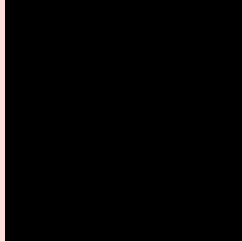
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

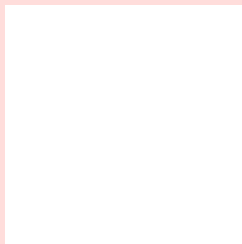
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 230.9380, -5.8854, 21.1024

## Background



This preview shows how black text looks on a background with the YUV color 230.9380, -5.8854, 21.1024.



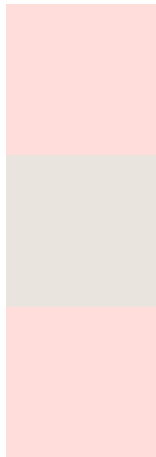
This preview shows how white text looks on a background with the YUV color 230.9380, -5.8854,



# 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

230.9380, -5.8854, 21.1024

### Protanopia

229.2240, -3.0684, 4.1886

### Deuteranopia

230.9380, -5.8854, 21.1024



## Tritanopia

231.5880, 1.6821, 20.5323

# Trichromacy



## Original Color

230.9380, -5.8854, 21.1024

## Protanomaly

229.7410, -3.8163, 10.7511

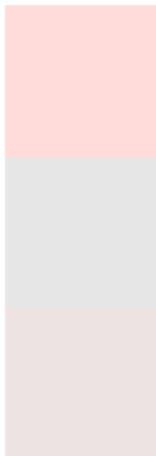
## Deuteranomaly

230.9380, -5.8854, 21.1024

## Tritanomaly

231.4910, -1.2281, 20.6174

# Monochromacy



## Original Color

230.9380, -5.8854, 21.1024

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

230.8870, -1.9163, 7.9921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.9380, -5.8854, 21.1024 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 219) }
```

## Border

The CSS property to change the border of an element to YUV 230.9380, -5.8854, 21.1024 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, 219) }
```



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

```
.border{ border-color:rgb(255, 221, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 230.9380, -5.8854, 21.1024 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
221, 219) }
```

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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