

# Converting Colors

YUV(232.4030, 2.2663, 19.8176)

Have a look what the booklet for  
YUV(232.4030, 2.2663, 19.8176)  
contains.

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# Color

**YUV(232.4030, 2.2663,  
19.8176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDCED
RGB	255, 220, 237
RGB Percent	100%, 86%, 93%
CMY	0.0000, 0.1373, 0.0706
CMYK	0.00, 0.14, 0.07, 0.00
HSL	331°, 100%, 93%
HSV	331°, 14%, 100%
XYZ	82.1193, 78.5608, 90.9564
YIQ	232.4030, 15.4030, 12.7070

# Conversions

## Conversions Part 2

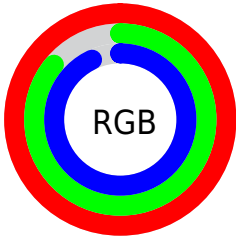
Format	Color
R <sub>Y</sub> B	255, 220, 237
Decimal	16768237
CIE Lab	91.04, 14.86, -3.82
CIE LCh	91, 15.341, 345.597
Yxy	78.5608, 0.3263, 0.3122
Android (android.graphics.Color)	4294958317 (0xFFFFDCED)
YUV	232.4030, 2.2663, 19.8176
Hunter-Lab	88.6345, 10.2685, 1.2011

# Details

The YUV color  $232.4030, 2.2663, 19.8176$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $242.5970, -2.2663, -19.8176$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.6910, 2.1243, 18.6880$  is the 20% darker color. If you saturate the color by 10%, you get  $216.2460, 3.8227, 33.9873$ , and if you desaturate by 10%, it is  $249.1470, 0.4205, 5.1331$ .

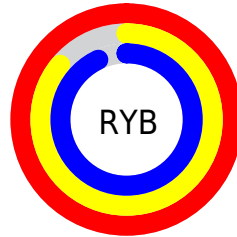
# Distribution



Red (100%)

Green (86%)

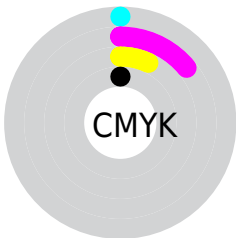
Blue (93%)



Red (100%)

Yellow (86%)

Blue (93%)

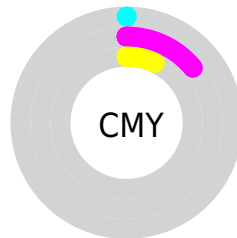


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.4030, 2.2663, 19.8176 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 232.4030, 2.2663, 19.8176 by changing the saturation by 10% instead.





 232.4030, 2.2663,  
19.8176


 232.4030, 2.2663,  
19.8176

255.0000, 0.0000,  
0.0000


 204.1040, 2.4137,  
19.2028

 176.6910, 2.1243,  
18.6880

 150.2780, 1.8349,  
18.1732

 123.9790, 1.9824,  
17.5584

 98.6800, 2.1298,  
16.9436

 74.9680, 1.9878,  
15.8141

 52.2560, 1.8458,

14.6845

■ 30.6580, 2.1406,  
13.4549

■ 9.8540, 1.5510,  
15.9140

■ 232.4030, 2.2663,  
19.8176

■ 232.4030, 2.2663,  
19.8176

■ 216.2460, 3.8227,  
33.9873

■ 249.1470, 0.4205,  
5.1331

■ 199.5020, 5.6685,  
48.6717

255.0000, 0.0000,  
0.0000

■ 183.3450, 7.2249,  
62.8414

■ 166.6010, 9.0707,  
77.5259

■ 150.3300, 10.1903,  
91.7956

■ 133.5860, 12.0361,  
106.4801

■ 117.4290, 13.5925,  
120.6498

■ 100.6850, 15.4383,  
135.3343

■ 90.3810, 16.5742,  
144.3709

# Harmonies

## Analogous

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



231.4600, 9.1402, 8.3666



232.4030, 2.2663, 19.8176



230.1060, -3.9963, 21.8320

# Triad

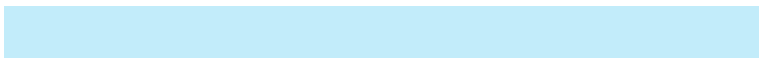
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.4030, 2.2663, 19.8176



228.1780, -13.3988, 4.2289



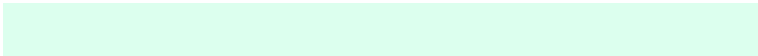
225.0380, 12.3063, -27.2203

# Complementary

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



232.4030, 2.2663, 19.8176



242.5970, -2.2663, -19.8176

# 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.



224.4310, 6.1965, -27.5650



232.4030, 2.2663, 19.8176



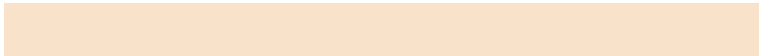
226.2410, -8.9928, -8.9814

# Square

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



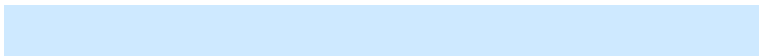
232.4030, 2.2663, 19.8176



229.7280, -14.1629, 16.0245



224.9990, -1.9715, -21.0471



227.4350, 13.5895, -18.7985



# Rectangle

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



232.4030, 2.2663, 19.8176



230.2540, -8.5062, 21.7022



224.9990, -1.9715, -21.0471



224.5710, 10.5645, -28.5648

# Sweetspot

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



232.4030, 2.2663, 19.8176



248.5600, 0.7099, 5.6479



229.3720, 12.6346, 7.5668



123.4350, 0.2785, 4.0035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

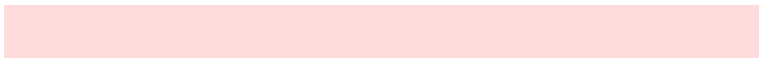
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4030, 2.2663, 19.8176



228.5390, 2.6923, 23.2063



230.4650, -5.1592, 21.5172



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245



22.6700, 4.1067, 36.2464



# Inverse Universe

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



232.4030, 2.2663, 19.8176



228.5390, 2.6923, 23.2063



244.5350, 5.1592, -21.5172



119.5710, 0.7045, 7.3922



67.7110, 12.4675, 108.1245

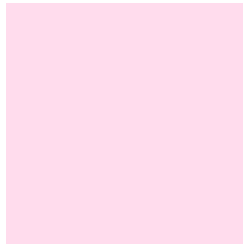


22.6700, 4.1067, 36.2464



# Previews

## White Background



This preview shows how the YUV color 232.4030, 2.2663, 19.8176 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

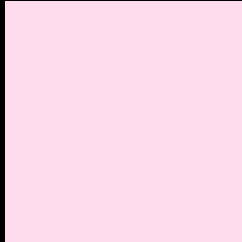
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.4030, 2.2663, 19.8176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

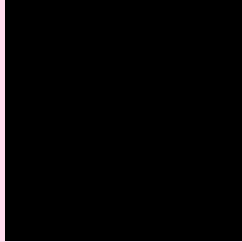
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 232.4030, 2.2663, 19.8176

## Background



This preview shows how black text looks on a background with the YUV color 232.4030, 2.2663, 19.8176.



This preview shows how white text looks on a background with the YUV color 232.4030, 2.2663,

19.8176.

# 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

232.4030, 2.2663, 19.8176

### Protanopia

230.1940, 5.8204, -0.1701

### Deuteranopia

231.4840, 2.7194, 14.4845



## Tritanopia

232.4030, 2.2663, 19.8176

# Trichromacy



## Original Color

232.4030, 2.2663, 19.8176

## Protanomaly

230.8960, 4.4883, 7.1072

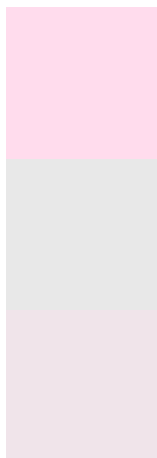
## Deuteranomaly

231.7940, 2.5666, 16.8437

## Tritanomaly

232.4030, 2.2663, 19.8176

# Monochromacy



## Original Color

232.4030, 2.2663, 19.8176

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.2720, 0.8519, 6.7775

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.4030, 2.2663, 19.8176 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, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 237)  
}
```

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, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 237) }
```

## Border

The CSS property to change the border of an element to YUV 232.4030, 2.2663, 19.8176 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, 220, 237) }
```



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

```
.border{ border-color:rgb(255, 220, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 232.4030, 2.2663, 19.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 237) }
```

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

```
.background{ background-color: rgb(255,  
220, 237) }
```

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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