

# Converting Colors

YUV(237.0630, -8.9051, 9.5917)

Have a look what the booklet for  
YUV(237.0630, -8.9051, 9.5917)  
contains.

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# Color

**YUV(237.0630, -8.9051,  
9.5917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8EBDB
RGB	248, 235, 219
RGB Percent	97%, 92%, 86%
CMY	0.0275, 0.0784, 0.1412
CMYK	0.00, 0.05, 0.12, 0.03
HSL	33°, 67%, 92%
HSV	33°, 12%, 97%
XYZ	81.2059, 84.4876, 79.0456
YIQ	237.0630, 12.8840, -2.2200

# Conversions

## Conversions Part 2

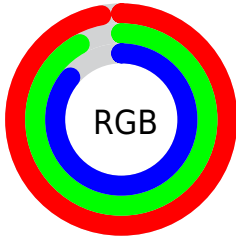
Format	Color
R <sub>Y</sub> B	243, 248, 219
Decimal	16313307
CIE Lab	93.66, 1.77, 9.32
CIE LCh	94, 9.488, 79.278
Yxy	84.4876, 0.3318, 0.3452
Android (android.graphics.Color)	4294503387 (0xFFF8EBDB)
YUV	237.0630, -8.9051, 9.5917
Hunter-Lab	91.9171, -3.1558, 13.3546

# Details

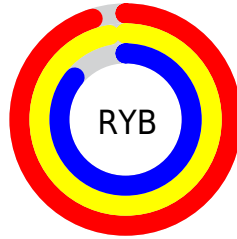
The YUV color  $237.0630, -8.9051, 9.5917$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $229.9370, 8.9051, -9.5917$ , and the grayscale version is  $237.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $180.8780, -8.3209, 8.8770$  is the 20% darker color. If you saturate the color by 10%, you get  $227.7560, -16.6417, 17.7540$ , and if you desaturate by 10%, it is  $246.3700, -1.1684, 1.4295$ .

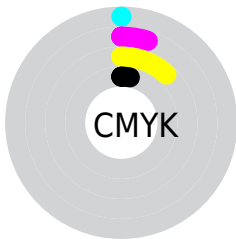
# Distribution



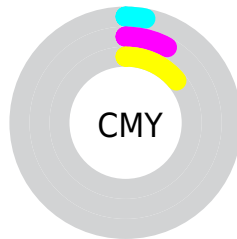
- Red (97%)
- Green (92%)
- Blue (86%)



- Red (95%)
- Yellow (97%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 237.0630, -8.9051, 9.5917 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 237.0630, -8.9051, 9.5917 by changing the saturation by 10% instead.



237.0630, -8.9051,  
9.5917

237.0630, -8.9051,  
9.5917

255.0000, 0.0000,  
0.0000

208.7640, -8.7577,  
8.9770

180.8780, -8.3209,  
8.8770

154.5790, -8.1734,  
8.2622

128.5790, -8.1734,  
8.2622

103.3940, -7.5892,  
7.5475

79.5080, -7.1524,  
7.4475

56.3230, -6.5682,

6.7327

■ 35.0240, -6.4208,  
6.1180

■ 12.7360, -6.2788,  
7.2475

■ 237.0630, -8.9051,  
9.5917

■ 237.0630, -8.9051,  
9.5917

■ 227.7560,  
-16.6417, 17.7540

■ 246.3700, -1.1684,  
1.4295

■ 218.4490,  
-24.3784, 25.9162

■ 252.9070, 1.0318,  
-4.3034

■ 209.2560,  
-31.6782, 33.9785

■ 199.9490,  
-39.4149, 42.1407

■ 190.0550,  
-46.8621, 50.8178

■ 180.7480,  
-54.5988, 58.9800

■ 171.4410,  
-62.3354, 67.1422

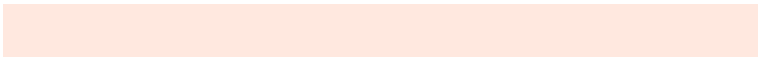
■ 162.2480,  
-69.6353, 75.2045

■ 154.5710,  
-76.2035, 81.9372

# Harmonies

## Analogous

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



237.8510, -7.3215, 15.0397



237.0630, -8.9051, 9.5917



235.9480, -7.8624, 1.7996

# Triad

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



237.0630, -8.9051, 9.5917



233.9270, 3.9800, -16.5990



238.7110, 5.0725, 6.3925

# Complementary

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



237.0630, -8.9051, 9.5917



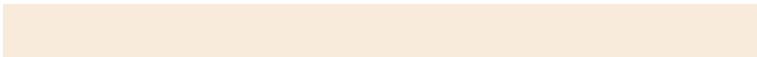
229.9370, 8.9051, -9.5917

# Split Complementary

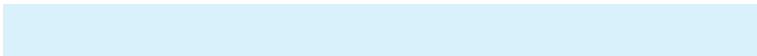
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.7530, 8.0098, -2.4144



237.0630, -8.9051, 9.5917



234.5510, 7.6164, -16.2692

# Square

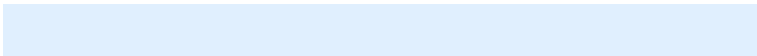
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.0630, -8.9051, 9.5917



234.0970, -0.5408, -13.2401



236.2250, 8.7631, -10.7213



238.9030, 0.5408, 13.2401



# Rectangle

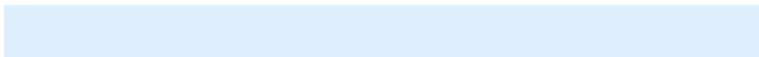
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.0630, -8.9051, 9.5917



235.2570, -6.5357, -3.7334



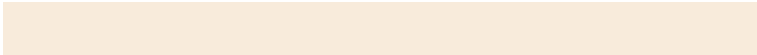
236.2250, 8.7631, -10.7213



238.3300, 6.2463, 3.2186

# Sweetspot

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



237.0630, -8.9051, 9.5917



250.9250, -2.9210, 3.5738



229.1530, 1.4036, 16.5288



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

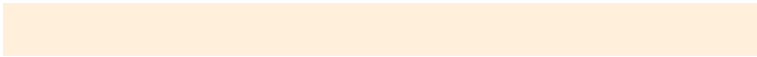


# Same Dimension

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



237.0630, -8.9051, 9.5917



241.5040, -11.0945, 11.8360



244.3950, -12.5197, 2.2846



119.9960, -3.9420, 4.3885



117.5590, -57.9566, 62.6538



38.1970, -18.8311, 19.9982

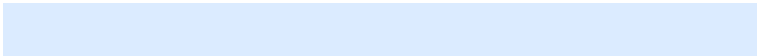


# Inverse Universe

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



229.9370, 8.9051, -9.5917



232.4960, 11.0945, -11.8360



222.6050, 12.5197, -2.2846



117.0040, 3.9420, -4.3885



71.4410, 57.9566, -62.6538

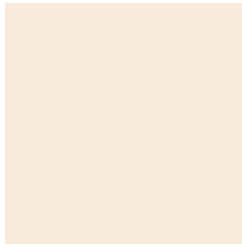


22.8030, 18.8311, -19.9982



# Previews

## White Background



This preview shows how the YUV color 237.0630, -8.9051, 9.5917 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 237.0630, -8.9051, 9.5917 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

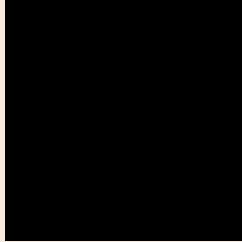
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

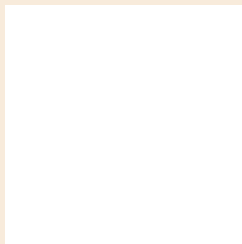
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 237.0630, -8.9051, 9.5917

## Background



This preview shows how black text looks on a background with the YUV color 237.0630, -8.9051, 9.5917.



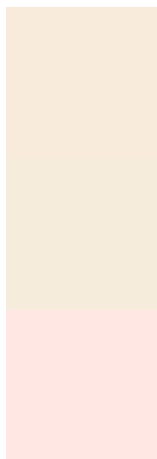
This preview shows how white text looks on a background with the YUV color 237.0630, -8.9051,

9.5917.

# 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

237.0630, -8.9051, 9.5917

### Protanopia

236.7530, -8.7522, 7.2326

### Deuteranopia

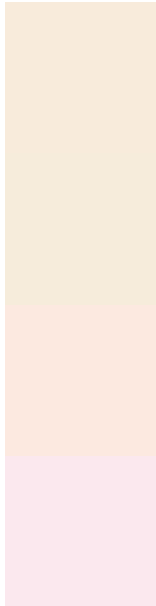
238.3070, -5.5744, 14.6398



## Tritanopia

239.3310, 4.7668, 11.1107

# Trichromacy



## Original Color

237.0630, -8.9051, 9.5917

## Protanomaly

237.0520, -8.8996, 7.8474

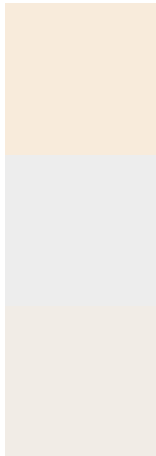
## Deuteranomaly

237.6550, -6.7319, 12.5806

## Tritanomaly

238.3650, -0.1799, 11.0809

# Monochromacy



## Original Color

237.0630, -8.9051, 9.5917

## Achromatopsia

237.0000, 0.0000, 0.0000

## Achromatomaly

236.8110, -3.3578, 3.6738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 237.0630, -8.9051, 9.5917 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(248, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 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(248, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 219) }
```

## Border

The CSS property to change the border of an element to YUV 237.0630, -8.9051, 9.5917 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(248, 235, 219) }
```



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

```
.border{ border-color:rgb(248, 235, 219) }
```

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

Here you see how a box with a 4 pixel rgb(248, 235, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 235,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 237.0630, -8.9051, 9.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 219) }
```

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

```
.background{ background-color: rgb(248,  
235, 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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