

# Converting Colors

YUV(238.4220, 3.2430,  
-13.5251)

Have a look what the booklet for  
YUV(238.4220, 3.2430, -13.5251)  
contains.

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# Color

**YUV(238.4220, 3.2430,  
-13.5251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFF5F5
RGB	223, 245, 245
RGB Percent	87%, 96%, 96%
CMY	0.1255, 0.0392, 0.0392
CMYK	0.09, 0.00, 0.00, 0.04
HSL	180°, 52%, 92%
HSV	180°, 9%, 96%
XYZ	79.5653, 87.5854, 99.0983
YIQ	238.4220, -13.1120, -4.6640

# Conversions

## Conversions Part 2

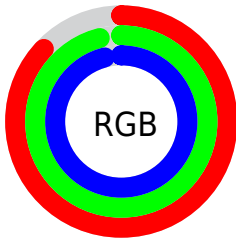
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 234, 245
Decimal	14677493
CIE Lab	94.99, -7.16, -2.46
CIE LCh	95, 7.572, 198.997
Yxy	87.5854, 0.2988, 0.3290
Android (android.graphics.Color)	4292867573 (0xFFDFF5F5)
YUV	238.4220, 3.2430, -13.5251
Hunter-Lab	93.5871, -12.0213, 2.7294

# Details

The YUV color  $238.4220, 3.2430, -13.5251$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $229.5780, -3.2430, 13.5251$ , and the grayscale version is  $238.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $182.7210, 3.0955, -12.9103$  is the 20% darker color. If you saturate the color by 10%, you get  $231.2460, 6.7807, -28.2797$ , and if you desaturate by 10%, it is  $245.5980, -0.2948, 1.2296$ .

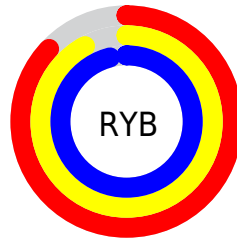
# Distribution



Red (87%)

Green (96%)

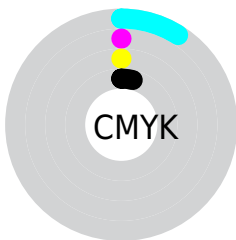
Blue (96%)



Red (87%)

Yellow (92%)

Blue (96%)

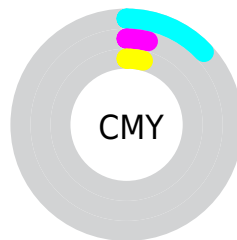


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (4%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.4220, 3.2430, -13.5251 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 238.4220, 3.2430, -13.5251 by changing the saturation by 10% instead.



■ 238.4220, 3.2430,  
-13.5251

■ 238.4220, 3.2430,  
-13.5251

255.0000, 0.0000,  
0.0000

■ 210.4220, 3.2430,  
-13.5251

■ 182.7210, 3.0955,  
-12.9103

■ 155.7210, 3.0955,  
-12.9103

■ 130.0200, 2.9481,  
-12.2955

■ 104.3190, 2.8007,  
-11.6808

■ 80.3190, 2.8007,  
-11.6808

■ 57.3190, 2.8007,

-11.6808

■ 35.6180, 2.6533,  
-11.0660

■ 14.6070, 2.6587,  
-12.8103

■ 238.4220, 3.2430,  
-13.5251

■ 238.4220, 3.2430,  
-13.5251

■ 231.2460, 6.7807,  
-28.2797

■ 245.5980, -0.2948,  
1.2296

■ 223.7710, 10.4659,  
-43.6492

■ 247.9900, -1.4741,  
6.1478

■ 216.5950, 14.0037,  
-58.4038

■ 209.1200, 17.6888,  
-73.7732

■ 201.6450, 21.3740,  
-89.1427

■ 194.4690, 24.9118,  
-103.8973

■ 186.9940, 28.5970,  
-119.2667

■ 179.8180, 32.1347,  
-134.0214

■ 172.3430, 35.8199,  
-149.3908

# Harmonies

## Analogous

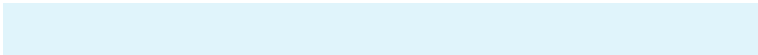
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4070, -0.6937, -10.8809



238.4220, 3.2430, -13.5251



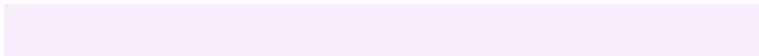
238.8180, 6.0057, -12.9954

# Triad

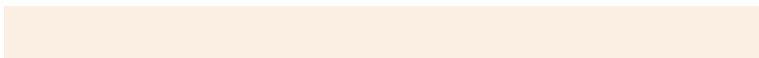
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.4220, 3.2430, -13.5251



241.7710, 4.0569, 5.4628



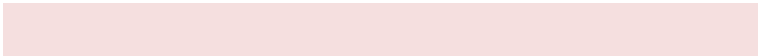
240.8070, -7.2999, 8.0623

# Complementary

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



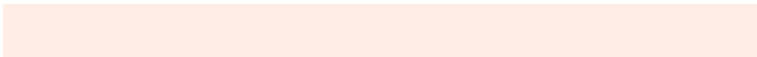
238.4220, 3.2430, -13.5251



229.5780, -3.2430, 13.5251

# 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.



241.5840, -5.7109, 11.7658



238.4220, 3.2430, -13.5251



242.2940, 0.8411, 10.2662

# Square

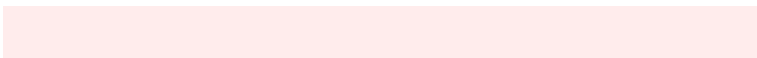
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.4220, 3.2430, -13.5251



241.2970, 6.2626, -2.0145



241.6810, -2.8007, 11.6808



240.2900, -6.5520, 1.4997

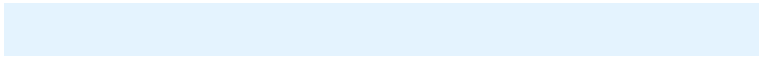


# Rectangle

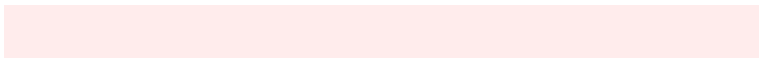
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



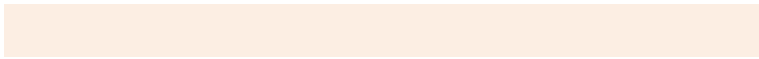
238.4220, 3.2430, -13.5251



239.7690, 7.0159, -10.3214



241.6810, -2.8007, 11.6808



240.9320, -6.8685, 9.7066

# Sweetspot

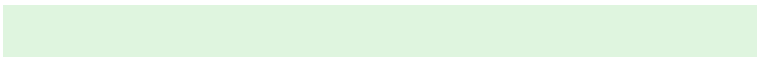
The Sweet Spot groups the original color and five complimentary colors.



238.4220, 3.2430, -13.5251



252.6080, 1.1793, -4.9182



235.9140, -6.3666, -11.3256



126.2060, 0.8844, -3.6887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

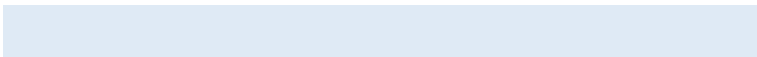
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4220, 3.2430, -13.5251



246.6280, 4.1274, -17.2138



231.9650, 6.4263, -7.8623



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718



# Inverse Universe

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



232.0860, 6.3666, 11.3256



238.5640, 8.1029, 14.4144



236.0350, -6.4263, 7.8623



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526

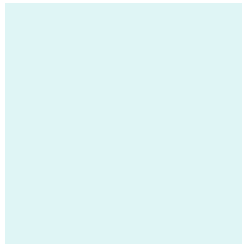


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 238.4220, 3.2430, -13.5251 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

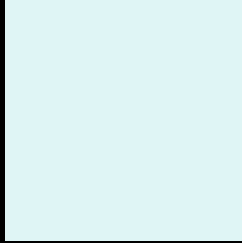
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.4220, 3.2430, -13.5251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

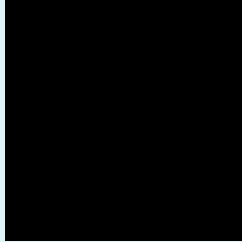
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

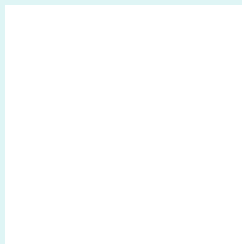
Any Text WCAG AAA ✓ Pass

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

# YUV 238.4220, 3.2430, -13.5251 Background



This preview shows how black text looks on a background with the YUV color 238.4220, 3.2430, -13.5251.



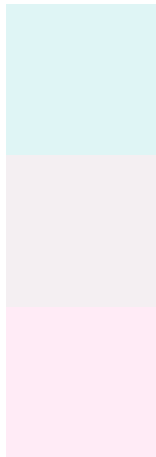
This preview shows how white text looks on a background with the YUV color 238.4220, 3.2430,

-13.5251.

# 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

238.4220, 3.2430, -13.5251

### Protanopia

240.8370, 0.5734, 2.7740

### Deuteranopia

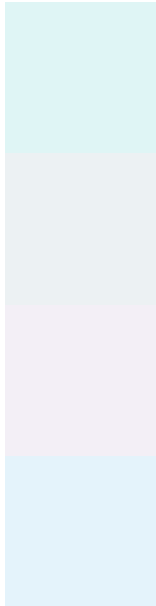
242.2340, 1.8566, 11.1958



## Tritanopia

240.1930, 7.2999, -8.0623

# Trichromacy



## Original Color

238.4220, 3.2430, -13.5251

## Protanomaly

239.7330, 1.6106, -3.2738

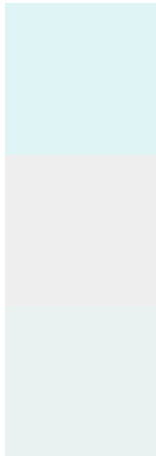
## Deuteranomaly

240.9940, 2.4680, 1.7593

## Tritanomaly

239.4270, 5.7055, -10.0215

# Monochromacy



## Original Color

238.4220, 3.2430, -13.5251

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

238.6080, 1.1793, -4.9182

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.4220, 3.2430, -13.5251 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(223, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 245)  
}
```

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(223, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 245) }
```

## Border

The CSS property to change the border of an element to YUV 238.4220, 3.2430, -13.5251 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(223, 245, 245) }
```



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

```
.border{ border-color:rgb(223, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(223, 245,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 238.4220, 3.2430, -13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 245) }
```

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

```
.background{ background-color: rgb(223,  
245, 245) }
```

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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