

# Converting Colors

YUV(243.3280, -4.1057,  
10.2363)

Have a look what the booklet for  
YUV(243.3280, -4.1057, 10.2363)  
contains.

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# Color

**YUV(243.3280, -4.1057,  
10.2363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEFEB
RGB	255, 239, 235
RGB Percent	100%, 94%, 92%
CMY	0.0000, 0.0627, 0.0784
CMYK	0.00, 0.06, 0.08, 0.00
HSL	12°, 100%, 96%
HSV	12°, 8%, 100%
XYZ	87.1019, 88.9912, 91.1835
YIQ	243.3280, 10.8200, 2.1480

# Conversions

## Conversions Part 2

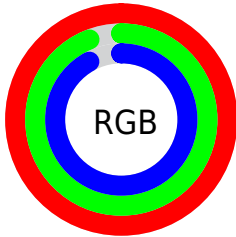
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 240, 235
Decimal	16773099
CIE <sub>Lab</sub>	95.58, 4.73, 3.86
CIE <sub>LCh</sub>	96, 6.101, 39.218
Y <sub>xy</sub>	88.9912, 0.3259, 0.3330
Android (android.graphics.Color)	4294963179 (0xFFFFEFEB)
Y <sub>UV</sub>	243.3280, -4.1057, 10.2363
Hunter-Lab	94.3351, -0.2731, 8.7254

# Details

The YUV color  $243.3280, -4.1057, 10.2363$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $246.6720, 4.1057, -10.2363$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $187.0290, -3.9583, 9.6216$  is the 20% darker color. If you saturate the color by 10%, you get  $228.7380, -9.2378, 23.0318$ , and if you desaturate by 10%, it is  $255.0000, 0.0000, 0.0000$ .

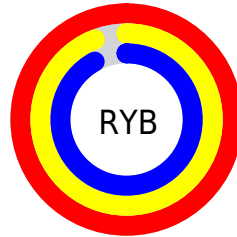
# Distribution



Red (100%)

Green (94%)

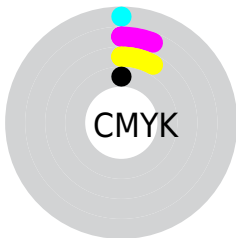
Blue (92%)



Red (100%)

Yellow (94%)

Blue (92%)

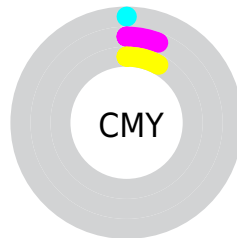


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.3280, -4.1057, 10.2363 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 243.3280, -4.1057, 10.2363 by changing the saturation by 10% instead.




 243.3280, -4.1057,  
10.2363


 243.3280, -4.1057,  
10.2363


255.0000, 0.0000,  
0.0000


 215.0290, -3.9583,  
9.6216

 187.0290, -3.9583,  
9.6216

 160.1430, -3.5215,  
9.5216

 133.8440, -3.3741,  
8.9068

 108.8440, -3.3741,  
8.9068

 84.5450, -3.2267,  
8.2920

 61.2460, -3.0793,

7.6773

■ 39.3600, -2.6425,  
7.5773

■ 18.1320, -3.5161,  
7.7772

■ 243.3280, -4.1057,  
10.2363

■ 243.3280, -4.1057,  
10.2363

■ 228.7380, -9.2378,  
23.0318

255.0000, 0.0000,  
0.0000

■ 213.4470,  
-14.5174, 36.4420

■ 198.7430,  
-20.0863, 49.3374

■ 183.5660,  
-24.9290, 62.6476

■ 168.8620,  
-30.4980, 75.5430

■ 154.2720,  
-35.6301, 88.3385

■ 139.0950,  
-40.4728, 101.6487

■ 124.3910,  
-46.0418, 114.5441

■ 109.2140,  
-50.8845, 127.8543

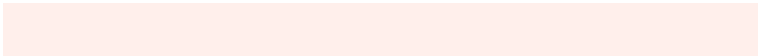
# Harmonies

## Analogous

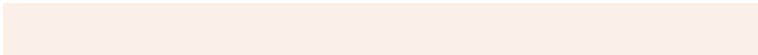
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.4250, -1.1955, 10.1513



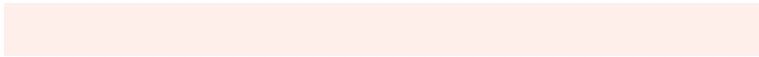
243.3280, -4.1057, 10.2363



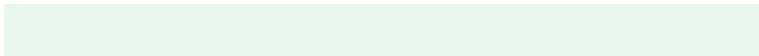
242.2630, -5.5527, 7.6623

# Triad

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



243.3280, -4.1057, 10.2363



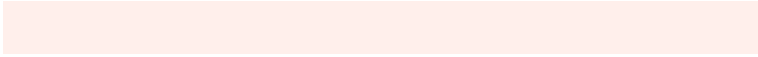
240.9020, -1.4307, -7.8071



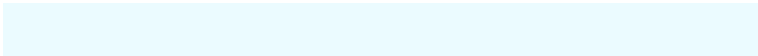
242.4710, 5.6838, -3.0441

# Complementary

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



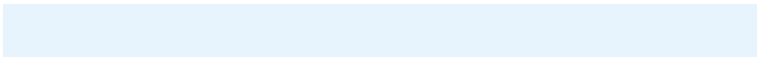
243.3280, -4.1057, 10.2363



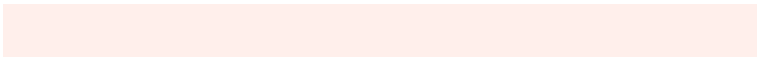
246.6720, 4.1057, -10.2363

# Split Complementary

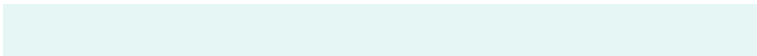
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4380, 5.7001, -8.2771



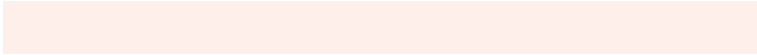
243.3280, -4.1057, 10.2363



240.6890, 1.6323, -10.2513

# Square

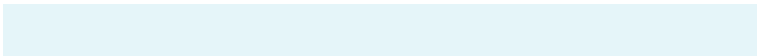
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.3280, -4.1057, 10.2363



241.2510, -4.0677, -1.9741



240.6720, 4.1057, -10.2363



243.0480, 3.9203, 2.5889



# Rectangle

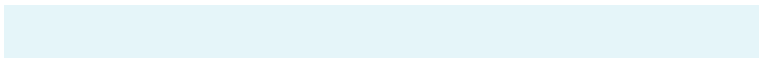
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



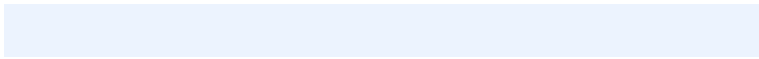
243.3280, -4.1057, 10.2363



242.5400, -5.6892, 4.7884



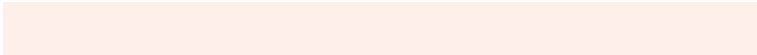
240.6720, 4.1057, -10.2363



242.1610, 5.8366, -5.4032

# Sweetspot

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



243.3280, -4.1057, 10.2363



252.0820, -1.0264, 2.5591



242.8040, 4.0406, 10.6959



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000

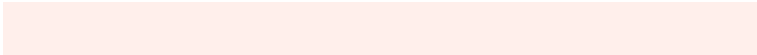


128.0000, 0.0000, 0.0000

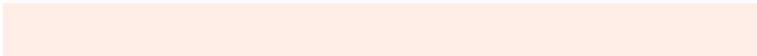


# Same Dimension

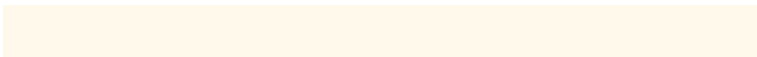
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.3280, -4.1057, 10.2363



241.8120, -4.8373, 11.5659



249.1980, -6.9996, 5.0884



120.0610, -2.4951, 6.9625



79.4150, -39.1516, 97.8600

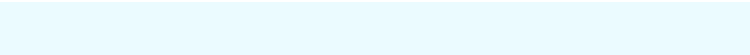


26.7670, -13.1961, 32.6533

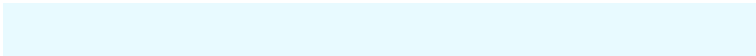


# Inverse Universe

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



246.6720, 4.1057, -10.2363



245.1880, 4.8373, -11.5659



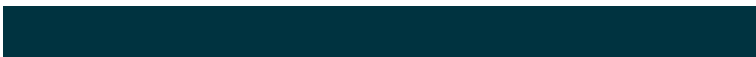
240.8020, 6.9996, -5.0884



122.3520, 2.7845, -6.4477



111.5850, 39.1516, -97.8600

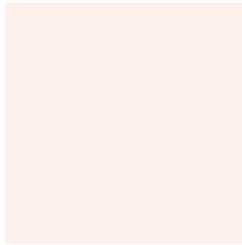


37.2330, 13.1961, -32.6533



# Previews

## White Background



This preview shows how the YUV color 243.3280, -4.1057, 10.2363 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

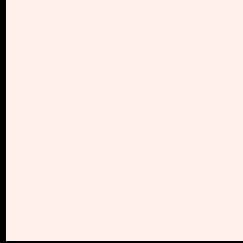
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.3280, -4.1057, 10.2363 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

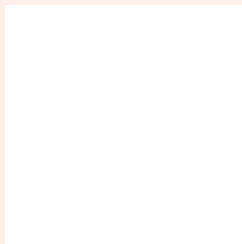
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 243.3280, -4.1057, 10.2363

## Background



This preview shows how black text looks on a background with the YUV color 243.3280, -4.1057, 10.2363.



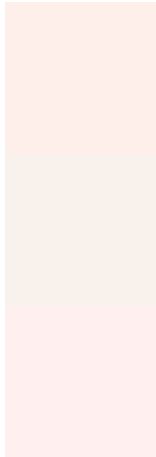
This preview shows how white text looks on a background with the YUV color 243.3280, -4.1057,



# 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

243.3280, -4.1057, 10.2363

### Protanopia

242.5230, -3.2158, 4.8033

### Deuteranopia

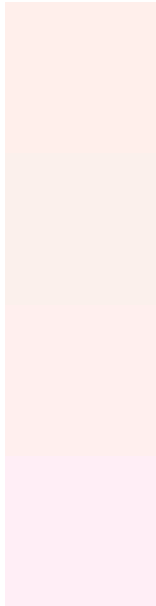
243.7840, -2.3585, 9.8364



## Tritanopia

244.0920, 3.8986, 9.5663

# Trichromacy



## Original Color

243.3280, -4.1057, 10.2363

## Protanomaly

242.8330, -3.3687, 7.1625

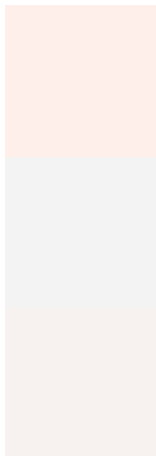
## Deuteranomaly

243.6700, -2.7953, 9.9364

## Tritanomaly

243.9950, 0.9885, 9.6514

# Monochromacy



## Original Color

243.3280, -4.1057, 10.2363

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

243.2670, -1.6106, 3.2738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.3280, -4.1057, 10.2363 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, 239, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 235)  
}
```

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, 239, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 235) }
```

## Border

The CSS property to change the border of an element to YUV 243.3280, -4.1057, 10.2363 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, 239, 235) }
```



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

```
.border{ border-color:rgb(255, 239, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 243.3280, -4.1057, 10.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 235) }
```

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

```
.background{ background-color: rgb(255,  
239, 235) }
```

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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