

# Converting Colors

YUV(245.0540, -18.7606,  
-2.6784)

Have a look what the booklet for  
YUV(245.0540, -18.7606, -2.6784)  
contains.

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# Color

**YUV(245.0540, -18.7606,  
-2.6784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FECF
RGB	242, 254, 207
RGB Percent	95%, 100%, 81%
CMY	0.0510, 0.0039, 0.1882
CMYK	0.05, 0.00, 0.19, 0.00
HSL	75°, 96%, 90%
HSV	75°, 19%, 100%
XYZ	83.3222, 94.2659, 72.8351
YIQ	245.0540, 7.9350, -17.1610

# Conversions

## Conversions Part 2

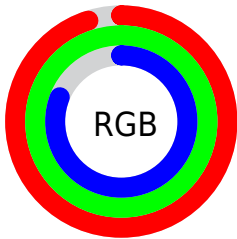
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 254, 219
Decimal	15924943
CIE Lab	97.74, -11.72, 21.19
CIE LCh	98, 24.215, 118.954
Yxy	94.2659, 0.3327, 0.3764
Android (android.graphics.Color)	4294115023 (0xFFFF2FECF)
YUV	245.0540, -18.7606, -2.6784
Hunter-Lab	97.0906, -16.7215, 23.4855

# Details

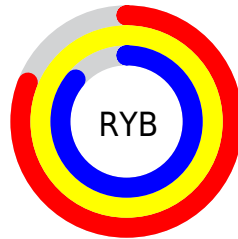
The YUV color  $245.0540, -18.7606, -2.6784$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $215.9460, 18.7606, 2.6784$ , and the grayscale version is  $245.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $188.6950, -17.5976, -2.3635$  is the 20% darker color. If you saturate the color by 10%, you get  $240.4100, -28.7961, -3.8676$ , and if you desaturate by 10%, it is  $249.6980, -8.7251, -1.4891$ .

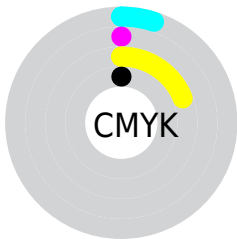
# Distribution



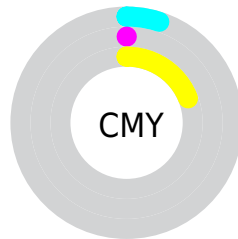
- Red (95%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.0540, -18.7606, -2.6784 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 245.0540, -18.7606, -2.6784 by changing the saturation by 10% instead.



■ 245.0540,  
-18.7606, -2.6784

■ 245.0540,  
-18.7606, -2.6784

255.0000, 0.0000,  
0.0000

■ 216.1680,  
-18.3238, -2.7783

■ 188.6950,  
-17.5976, -2.3635

■ 161.3960,  
-17.4502, -2.9783

■ 135.5100,  
-17.0134, -3.0783

■ 110.0370,  
-16.2872, -2.6634

■ 85.2650, -15.4136,  
-2.8634

■ 62.0800, -14.8294,

-3.5782

■ 39.4930, -14.5400,  
-3.0634

■ 19.7360, -9.7298,  
-5.9075

■ 245.0540,  
-18.7606, -2.6784

■ 245.0540,  
-18.7606, -2.6784

■ 240.4100,  
-28.7961, -3.8676

■ 249.6980, -8.7251,  
-1.4891

■ 235.3530,  
-39.1210, -5.5716

254.4130, 0.2894,  
0.5148

■ 230.7090,  
-49.1565, -6.7608

■ 225.6520,  
-59.4814, -8.4648

■ 221.0080,  
-69.5169, -9.6540

■ 216.0650,  
-79.4050, -11.4580

■ 211.3070,  
-89.8774, -12.5472

■ 206.3640,  
-99.7655, -14.3512

■ 205.6090,  
-101.3652, -14.5661

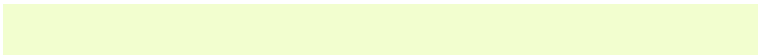
# Harmonies

## Analogous

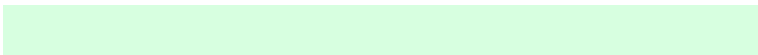
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.2620, -20.8352, 9.4172



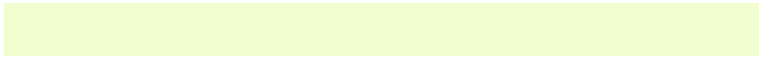
245.0540, -18.7606, -2.6784



239.5060, -7.6445, -21.4918

# Triad

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



245.0540, -18.7606, -2.6784



237.0600, 8.8444, -36.8866



240.9290, 4.4720, 12.3403

# Complementary

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



245.0540, -18.7606, -2.6784



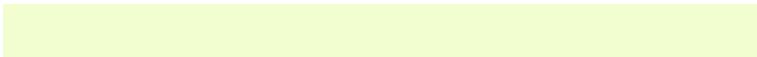
215.9460, 18.7606, 2.6784

# Split Complementary

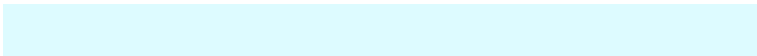
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.8470, 5.4984, 9.7812



245.0540, -18.7606, -2.6784



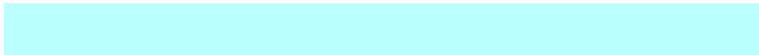
242.4860, 6.1694, -18.8432

# Square

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



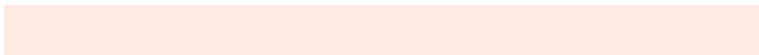
245.0540, -18.7606, -2.6784



234.0700, 10.3185, -43.0344



247.0590, 3.9149, 4.3333

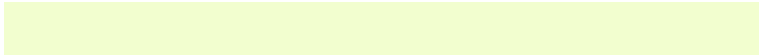


238.8940, -5.8637, 14.1250

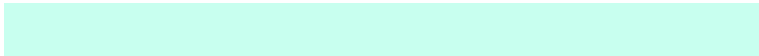


# Rectangle

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



245.0540, -18.7606, -2.6784



236.7310, 1.1186, -32.2131



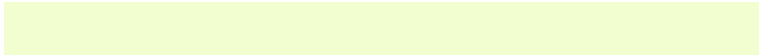
247.0590, 3.9149, 4.3333



242.0860, 6.3666, 11.3256

# Sweetspot

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



245.0540, -18.7606, -2.6784



252.0940, -5.9623, -0.9594



228.0970, -10.4008, 22.7169



126.0770, -3.4890, -0.9445



0.0000, 0.0000, 0.0000

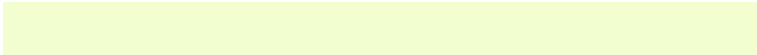


128.0000, 0.0000, 0.0000

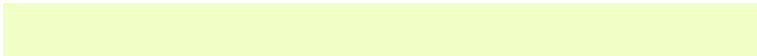


# Same Dimension

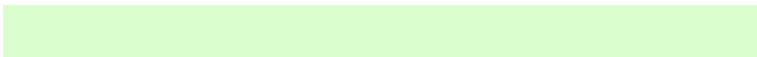
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.0540, -18.7606, -2.6784



244.4300, -22.3970, -3.0081



238.1770, -15.3703, -16.8182



125.3220, -5.0887, -1.1594



154.5750, -76.2055, -11.0283



51.6210, -25.4492, -4.0526



# Inverse Universe

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



215.9460, 18.7606, 2.6784



209.5700, 22.3970, 3.0081



222.8230, 15.3703, 16.8182



117.3790, 5.2362, 0.5446



36.4250, 76.2055, 11.0283

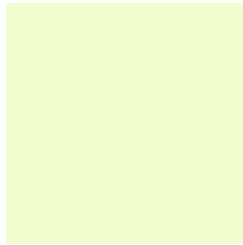


12.0800, 25.5966, 3.4378



# Previews

## White Background



This preview shows how the YUV color 245.0540, -18.7606, -2.6784 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

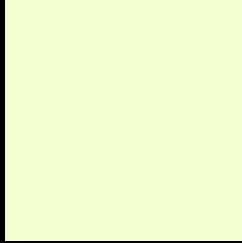
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.0540, -18.7606, -2.6784 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

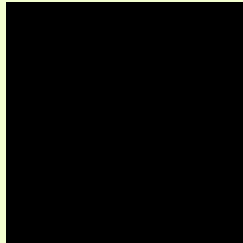
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

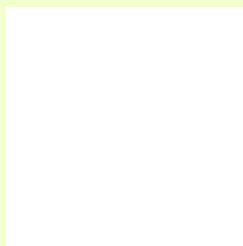
Any Text WCAG AAA ✓ Pass

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

# YUV 245.0540, -18.7606, -2.6784 Background



This preview shows how black text looks on a background with the YUV color 245.0540, -18.7606, -2.6784.



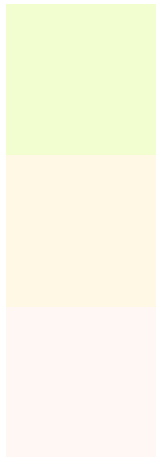
This preview shows how white text looks on a background with the YUV color 245.0540, -18.7606, -2.6784.

-2.6784.

# 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

245.0540, -18.7606, -2.6784

### Protanopia

247.9270, -9.3310, 6.2030

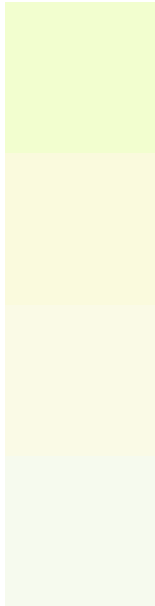
### Deuteranopia

248.9360, -2.9264, 5.3181

## **Tritanopia**

248.5100, 3.1996, 0.4297

# Trichromacy



## Original Color

245.0540, -18.7606, -2.6784

## Protanomaly

246.6940, -12.6671, 2.8994

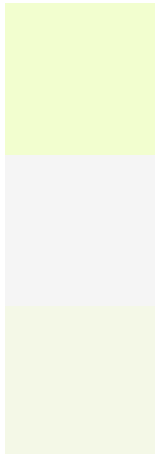
## Deuteranomaly

247.7200, -8.7360, 1.9996

## Tritanomaly

247.4360, -4.6519, -1.2594

# Monochromacy



## Original Color

245.0540, -18.7606, -2.6784

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

244.8660, -6.8359, -0.7595

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.0540, -18.7606, -2.6784 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(242, 254, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 254, 207)  
}
```

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(242, 254, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 254, 207) }
```

## Border

The CSS property to change the border of an element to YUV 245.0540, -18.7606, -2.6784 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(242, 254, 207) }
```



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

```
.border{ border-color:rgb(242, 254, 207) }
```

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

Here you see how a box with a 4 pixel rgb(242, 254, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 254, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 254, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 254,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 245.0540, -18.7606, -2.6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 254, 207) }
```

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

```
.background{ background-color: rgb(242,  
254, 207) }
```

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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