

# Converting Colors

YUV(245.6450, 1.6540,  
-17.2287)

Have a look what the booklet for  
YUV(245.6450, 1.6540, -17.2287)  
contains.

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# Color

**YUV(245.6450, 1.6540,  
-17.2287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FFF9
RGB	226, 255, 249
RGB Percent	89%, 100%, 98%
CMY	0.1137, 0.0000, 0.0235
CMYK	0.11, 0.00, 0.02, 0.00
HSL	168°, 100%, 94%
HSV	168°, 11%, 100%
XYZ	84.2229, 94.5283, 103.4293
YIQ	245.6450, -15.3580, -8.0140

# Conversions

## Conversions Part 2

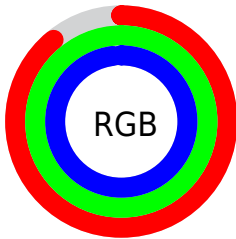
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 242, 255
Decimal	14876665
CIE <sub>Lab</sub>	97.84, -10.46, -0.32
CIE <sub>LCh</sub>	98, 10.464, 181.752
Yxy	94.5283, 0.2985, 0.3350
Android (android.graphics.Color)	4293066745 (0xFFE2FFF9)
YUV	245.6450, 1.6540, -17.2287
Hunter-Lab	97.2257, -15.5171, 4.9849

# Details

The YUV color  $245.6450, 1.6540, -17.2287$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $235.3550, -1.6540, 17.2287$ , and the grayscale version is  $246.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $189.0580, 1.9434, -16.7139$  is the 20% darker color. If you saturate the color by 10%, you get  $237.6000, 3.1552, -32.0982$ , and if you desaturate by 10%, it is  $253.6900, 0.1528, -2.3591$ .

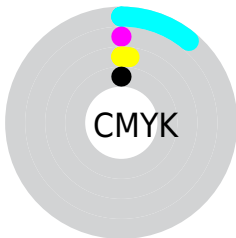
# Distribution



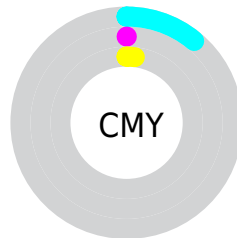
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.6450, 1.6540, -17.2287 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 245.6450, 1.6540, -17.2287 by changing the saturation by 10% instead.





 245.6450, 1.6540,  
-17.2287

 245.6450, 1.6540,  
-17.2287

255.0000, 0.0000,  
0.0000


 216.9440, 1.5066,  
-16.6139

 189.0580, 1.9434,  
-16.7139

 162.2430, 1.3592,  
-15.9991

 135.6560, 1.6486,  
-15.4843

 110.6560, 1.6486,  
-15.4843

 85.9550, 1.5012,  
-14.8695

 62.3680, 1.7906,

-14.3547

■ 40.3680, 1.7906,  
-14.3547

■ 18.7700, 2.0854,  
-15.5843

■ 245.6450, 1.6540,  
-17.2287

■ 245.6450, 1.6540,  
-17.2287

■ 237.6000, 3.1552,  
-32.0982

■ 253.6900, 0.1528,  
-2.3591

■ 229.1420, 4.3670,  
-47.4825

255.0000, 0.0000,  
0.0000

■ 220.7980, 6.0156,  
-62.9668

■ 212.7530, 7.5168,  
-77.8364

■ 204.4090, 9.1654,  
-93.3207

■ 196.2500, 10.2297,  
-108.0902

■ 188.2050, 11.7309,  
-122.9598

■ 179.8610, 13.3795,  
-138.4441

■ 172.7130, 14.4385,  
-151.4693

# Harmonies

## Analogous

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



246.3100, -3.6038, -10.7959



245.6450, 1.6540, -17.2287



245.7310, 4.5696, -19.0581

# Triad

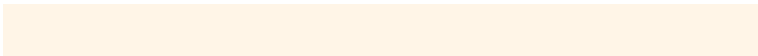
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.6450, 1.6540, -17.2287



248.8200, 3.0467, 2.7889



246.3940, -7.5892, 7.5475

# Complementary

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



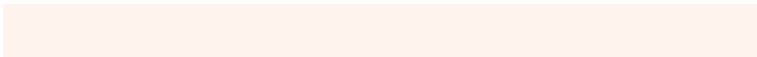
245.6450, 1.6540, -17.2287



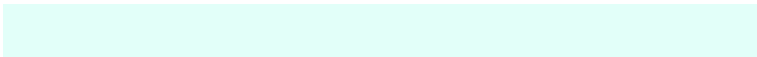
235.3550, -1.6540, 17.2287

# 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.



246.0180, -3.9529, 7.8772



245.6450, 1.6540, -17.2287



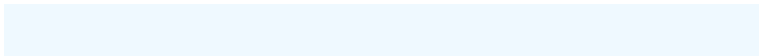
247.9560, 3.4727, 6.1776

# Square

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



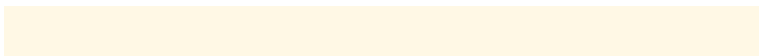
245.6450, 1.6540, -17.2287



246.6940, 4.0949, -6.7476



246.6850, 1.1413, 7.2923



247.9270, -9.3310, 6.2030

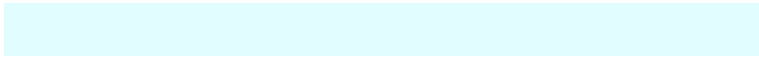


# Rectangle

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



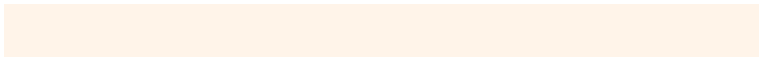
245.6450, 1.6540, -17.2287



245.1550, 4.8536, -16.7989



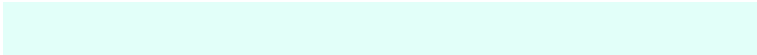
246.6850, 1.1413, 7.2923



246.0350, -6.4263, 7.8623

# Sweetspot

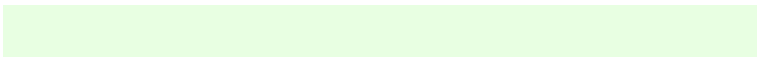
The Sweet Spot groups the original color and five complimentary colors.



245.6450, 1.6540, -17.2287



252.3800, 0.3057, -4.7183



244.8170, -9.2768, -11.2405



125.9780, 0.0108, -3.4887



0.0000, 0.0000, 0.0000

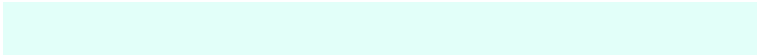


128.0000, 0.0000, 0.0000

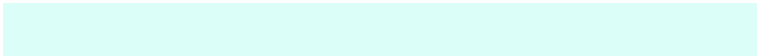


# Same Dimension

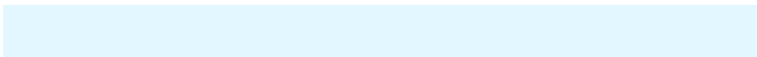
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.6450, 1.6540, -17.2287



243.4380, 2.2491, -21.4321



241.6330, 6.5899, -13.7101



123.7710, 0.6059, -7.6922



129.4450, 11.1196, -113.5233



43.3820, 3.7557, -38.0460



# Inverse Universe

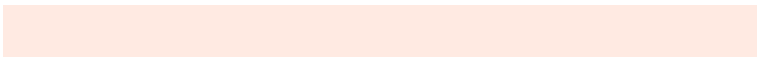
The Inverse Universe completely reimagines the original color for something new.



235.3550, -1.6540, 17.2287



230.6760, -1.8123, 21.3321



239.3670, -6.5899, 13.7101



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233



20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 245.6450, 1.6540, -17.2287 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

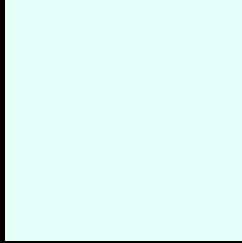
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.6450, 1.6540, -17.2287 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

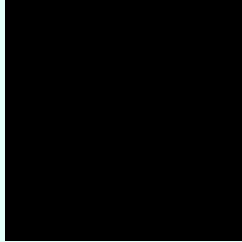
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

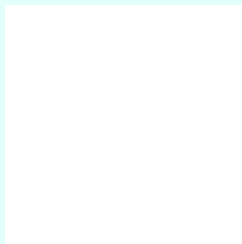
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 245.6450, 1.6540, -17.2287

## Background



This preview shows how black text looks on a background with the YUV color 245.6450, 1.6540, -17.2287.



This preview shows how white text looks on a background with the YUV color 245.6450, 1.6540, -17.2287.

-17.2287.

# Color Blindness Simulation

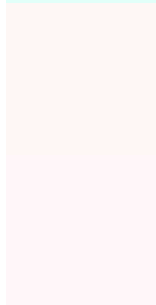
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

245.6450, 1.6540, -17.2287



### Protanopia

248.8650, -1.9054, 4.5034

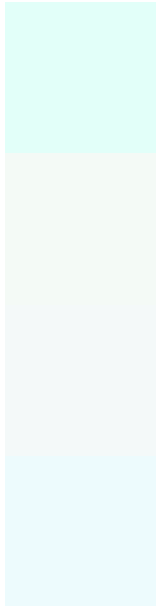
### Deuteranopia

249.0330, -0.0163, 5.2331

## **Tritanopia**

248.1890, 3.3578, -3.6738

# Trichromacy



## Original Color

245.6450, 1.6540, -17.2287

## Protanomaly

247.7500, -0.8628, -3.2888

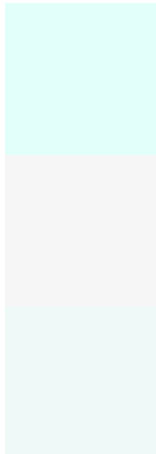
## Deuteranomaly

247.5050, 0.7370, -3.0739

## Tritanomaly

247.0420, 2.9373, -8.8068

# Monochromacy



## Original Color

245.6450, 1.6540, -17.2287

## Achromatopsia

246.0000, 0.0000, 0.0000

## Achromatomaly

245.7820, 0.6005, -5.9478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.6450, 1.6540, -17.2287 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(226, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 249)  
}
```

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(226, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 249) }
```

## Border

The CSS property to change the border of an element to YUV 245.6450, 1.6540, -17.2287 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(226, 255, 249) }
```



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

```
.border{ border-color:rgb(226, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 245.6450, 1.6540, -17.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 249) }
```

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

```
.background{ background-color: rgb(226,  
255, 249) }
```

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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