

# Converting Colors

YUV(245.3400, 4.2694,  
-16.0842)

Have a look what the booklet for  
YUV(245.3400, 4.2694, -16.0842)  
contains.

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# Color

**YUV(245.3400, 4.2694,  
-16.0842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FDDE
RGB	227, 253, 254
RGB Percent	89%, 99%, 100%
CMY	0.1098, 0.0078, 0.0039
CMYK	0.11, 0.00, 0.00, 0.00
HSL	182°, 93%, 94%
HSV	182°, 11%, 100%
XYZ	84.6932, 93.7372, 107.3952
YIQ	245.3400, -15.8170, -5.2010

# Conversions

## Conversions Part 2

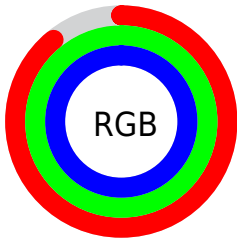
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 240, 254
Decimal	14941694
CIE Lab	97.53, -8.19, -3.35
CIE LCh	98, 8.853, 202.239
Yxy	93.7372, 0.2963, 0.3280
Android (android.graphics.Color)	4293131774 (0xFFE3FDFE)
YUV	245.3400, 4.2694, -16.0842
Hunter-Lab	96.8180, -13.2855, 2.0052

# Details

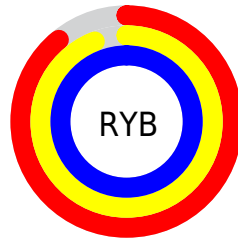
The YUV color  $245.3400, 4.2694, -16.0842$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $235.6600, -4.2694, 16.0842$ , and the grayscale version is  $245.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $188.6390, 4.1220, -15.4694$  is the 20% darker color. If you saturate the color by 10%, you get  $237.2780, 8.2439, -30.9388$ , and if you desaturate by 10%, it is  $253.4020, 0.2948, -1.2296$ .

# Distribution



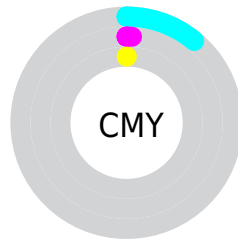
- Red (89%)
- Green (99%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



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



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.3400, 4.2694, -16.0842 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 245.3400, 4.2694, -16.0842 by changing the saturation by 10% instead.



245.3400, 4.2694,  
-16.0842

245.3400, 4.2694,  
-16.0842

255.0000, 0.0000,  
0.0000

216.6390, 4.1220,  
-15.4694

188.6390, 4.1220,  
-15.4694

161.9380, 3.9746,  
-14.8546

135.9380, 3.9746,  
-14.8546

110.2370, 3.8272,  
-14.2398

85.5360, 3.6798,  
-13.6251

62.5360, 3.6798,

-13.6251

■ 40.5360, 3.6798,  
-13.6251

■ 18.9380, 3.9746,  
-14.8546

■ 245.3400, 4.2694,  
-16.0842

■ 245.3400, 4.2694,  
-16.0842

■ 237.2780, 8.2439,  
-30.9388

■ 253.4020, 0.2948,  
-1.2296

■ 228.9170, 12.3659,  
-46.4082

254.8860, -0.4368,  
0.1000

■ 220.8550, 16.3405,  
-61.2628

■ 212.4940, 20.4625,  
-76.7322

■ 204.4320, 24.4370,  
-91.5869

■ 196.3700, 28.4116,  
-106.4415

■ 188.0090, 32.5336,  
-121.9109

■ 179.9470, 36.5081,  
-136.7655

■ 172.7710, 40.0459,  
-151.5202

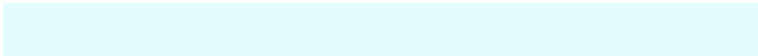
# Harmonies

## Analogous

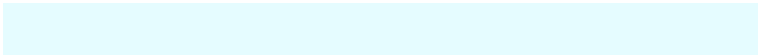
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.2110, -0.1040, -13.3400



245.3400, 4.2694, -16.0842



245.4650, 4.7008, -14.4398

# Triad

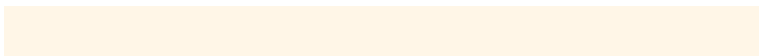
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.3400, 4.2694, -16.0842



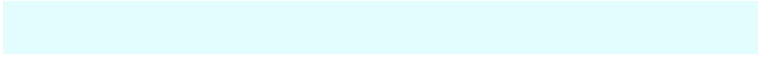
248.5430, 3.1833, 5.6628



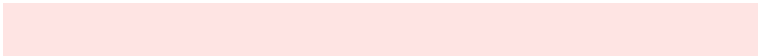
246.9810, -7.8786, 7.0327

# Complementary

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



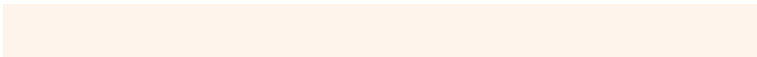
245.3400, 4.2694, -16.0842



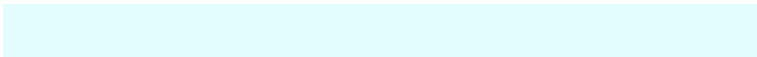
235.6600, -4.2694, 16.0842

# 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.



246.2630, -5.5527, 7.6623



245.3400, 4.2694, -16.0842



246.7990, 1.5781, 7.1923

# Square

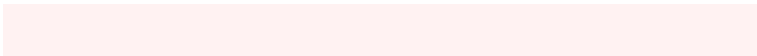
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



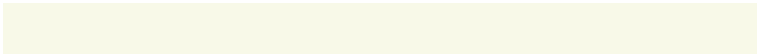
245.3400, 4.2694, -16.0842



247.3250, 3.7838, -0.2850



245.8870, -1.9163, 7.9921

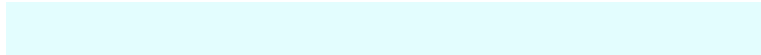


246.7630, -7.2782, 1.0848

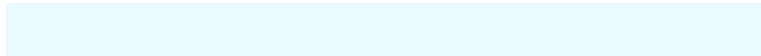


# Rectangle

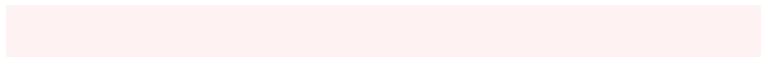
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



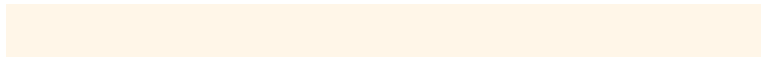
245.3400, 4.2694, -16.0842



245.7860, 4.5425, -10.3363



245.8870, -1.9163, 7.9921



247.0950, -7.4418, 6.9327

# Sweetspot

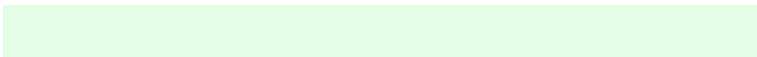
The Sweet Spot groups the original color and five complimentary colors.



245.3400, 4.2694, -16.0842



252.6080, 1.1793, -4.9182



242.9630, -7.3768, -13.9996



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

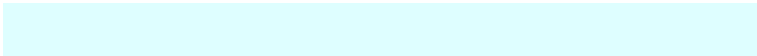


# Same Dimension

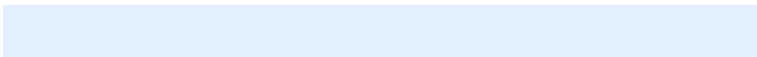
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.3400, 4.2694, -16.0842



244.5460, 5.1538, -19.7728



237.7090, 8.0315, -9.3918



123.5260, 2.2057, -7.4773



129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013



# Inverse Universe

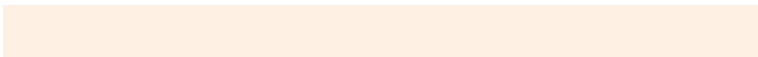
The Inverse Universe completely reimagines the original color for something new.



238.0370, 7.3768, 13.9996



235.5150, 9.1131, 17.0883



243.2910, -8.0315, 9.3918



120.2550, 3.3253, 6.7924



78.0850, 52.2161, 99.0265

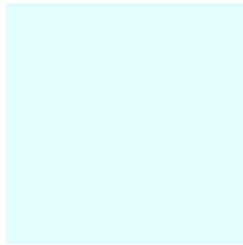


26.0900, 17.2106, 33.2471



# Previews

## White Background



This preview shows how the YUV color 245.3400, 4.2694, -16.0842 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

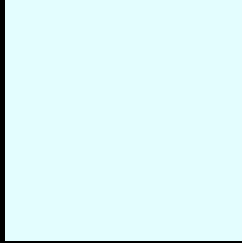
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.3400, 4.2694, -16.0842 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

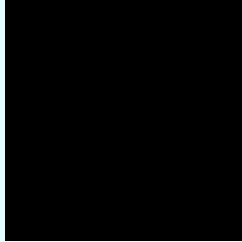
Any Text WCAG AA ✓ Pass

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 245.3400, 4.2694, -16.0842 Background



This preview shows how black text looks on a background with the YUV color 245.3400, 4.2694, -16.0842.



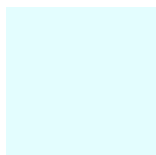
This preview shows how white text looks on a background with the YUV color 245.3400, 4.2694, -16.0842.

-16.0842.

# Color Blindness Simulation

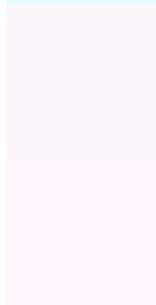
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

245.3400, 4.2694, -16.0842



### Protanopia

247.9510, 1.0102, 2.6740

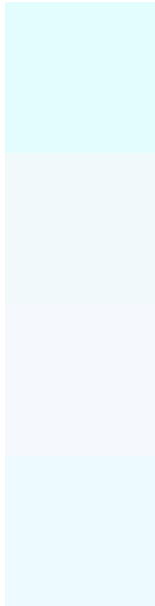
### Deuteranopia

248.6740, 1.1467, 5.5479

## Tritanopia

247.0040, 3.9420, -4.3885

# Trichromacy



## Original Color

245.3400, 4.2694, -16.0842

## Protanomaly

247.1350, 1.9054, -4.5034

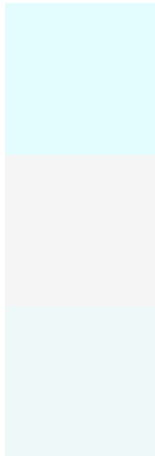
## Deuteranomaly

247.5590, 2.1894, -2.2442

## Tritanomaly

246.6830, 4.1003, -8.4920

# Monochromacy



## Original Color

245.3400, 4.2694, -16.0842

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

245.0100, 1.4741, -6.1478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.3400, 4.2694, -16.0842 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(227, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(227, 253, 254)  
}
```

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(227, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 253, 254) }
```

## Border

The CSS property to change the border of an element to YUV 245.3400, 4.2694, -16.0842 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(227, 253, 254) }
```



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

```
.border{ border-color:rgb(227, 253, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(227, 253,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 245.3400, 4.2694, -16.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 253, 254) }
```

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

```
.background{ background-color: rgb(227,  
253, 254) }
```

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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