

# Converting Colors

YUV(243.4650, 4.7008,  
-14.4398)

Have a look what the booklet for  
YUV(243.4650, 4.7008, -14.4398)  
contains.

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# Color

**YUV(243.4650, 4.7008,  
-14.4398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FAFD
RGB	227, 250, 253
RGB Percent	89%, 98%, 99%
CMY	0.1098, 0.0196, 0.0078
CMYK	0.10, 0.01, 0.00, 0.01
HSL	187°, 87%, 94%
HSV	187°, 10%, 99%
XYZ	83.5938, 91.7940, 106.2406
YIQ	243.4650, -14.6710, -3.9430

# Conversions

## Conversions Part 2

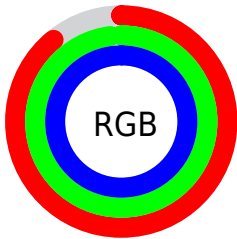
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 239, 253
Decimal	14940925
CIE Lab	96.74, -6.88, -4.00
CIE LCh	97, 7.956, 210.151
Yxy	91.7940, 0.2968, 0.3259
Android (android.graphics.Color)	4293131005 (0xFFE3FAFD)
YUV	243.4650, 4.7008, -14.4398
Hunter-Lab	95.8092, -11.9242, 1.3211

# Details

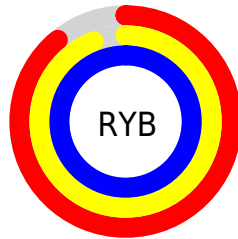
The YUV color  $243.4650, 4.7008, -14.4398$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $236.5350, -4.7008, 14.4398$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $187.3510, 4.2640, -14.3398$  is the 20% darker color. If you saturate the color by 10%, you get  $234.2290, 9.2541, -28.2648$ , and if you desaturate by 10%, it is  $252.7010, 0.1474, -0.6148$ .

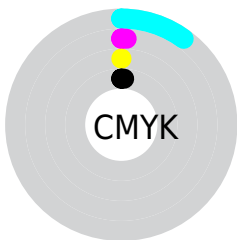
# Distribution



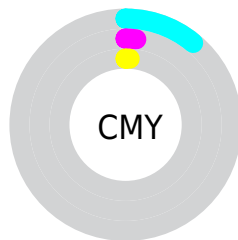
- Red (89%)
- Green (98%)
- Blue (99%)



- Red (89%)
- Yellow (94%)
- Blue (99%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (2%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.4650, 4.7008, -14.4398 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 243.4650, 4.7008, -14.4398 by changing the saturation by 10% instead.



■ 243.4650, 4.7008,  
-14.4398

■ 243.4650, 4.7008,  
-14.4398

255.0000, 0.0000,  
0.0000

■ 214.7640, 4.5533,  
-13.8250

■ 187.3510, 4.2640,  
-14.3398

■ 160.0630, 4.4059,  
-13.2103

■ 134.0630, 4.4059,  
-13.2103

■ 108.9490, 3.9691,  
-13.1103

■ 84.3620, 4.2585,  
-12.5955

■ 61.2480, 3.8217,

-12.4955

■ 38.9600, 3.9637,  
-11.3659

■ 17.6500, 4.1166,  
-13.7250

■ 243.4650, 4.7008,  
-14.4398

■ 243.4650, 4.7008,  
-14.4398

■ 234.2290, 9.2541,  
-28.2648

■ 252.7010, 0.1474,  
-0.6148

■ 224.6940, 13.9549,  
-42.7046

254.7720, -0.8736,  
0.2000

■ 215.4580, 18.5082,  
-56.5297

■ 206.2220, 23.0616,  
-70.3547

■ 196.6870, 27.7623,  
-84.7945

■ 187.4510, 32.3157,  
-98.6195

■ 178.8020, 36.5796,  
-112.9594

■ 169.5660, 41.1330,  
-126.7844

■ 160.3300, 45.6863,  
-140.6094

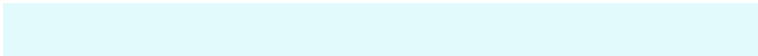
# Harmonies

## Analogous

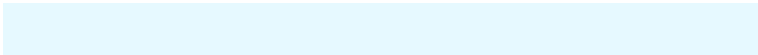
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.1510, 0.9116, -12.4104



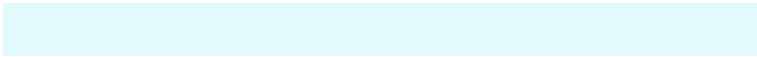
243.4650, 4.7008, -14.4398



244.0030, 5.4215, -12.2806

# Triad

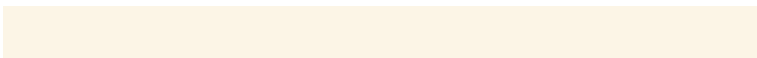
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.4650, 4.7008, -14.4398



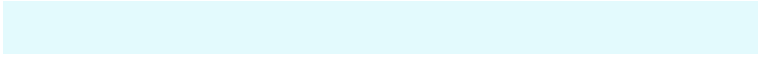
247.1410, 2.8885, 6.8923



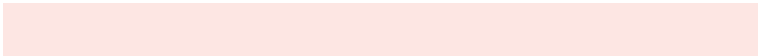
245.3830, -7.5838, 5.8031

# Complementary

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



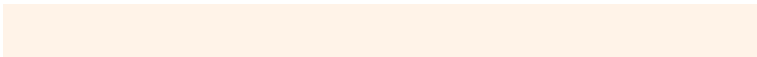
243.4650, 4.7008, -14.4398



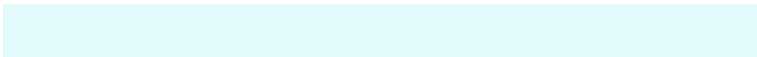
236.5350, -4.7008, 14.4398

# 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.



245.3340, -6.5737, 8.4771



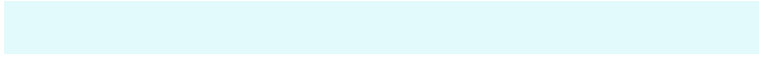
243.4650, 4.7008, -14.4398



245.7560, 0.1203, 8.1070

# Square

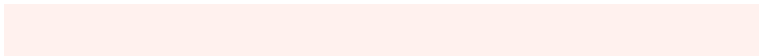
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.4650, 4.7008, -14.4398



246.1510, 4.3626, 0.7446



244.8440, -3.3741, 8.9068

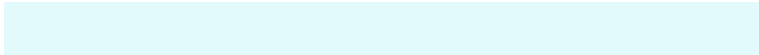


244.6810, -6.2517, -1.4742

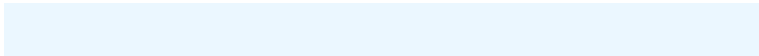


# Rectangle

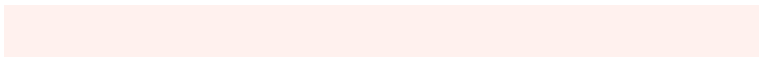
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



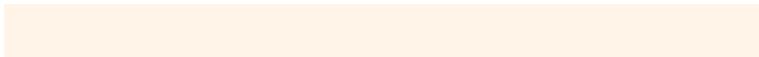
243.4650, 4.7008, -14.4398



244.3240, 5.2633, -8.1771



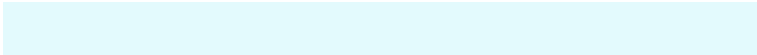
244.8440, -3.3741, 8.9068



245.8070, -7.2999, 8.0623

# Sweetspot

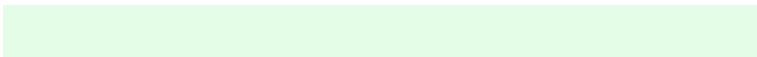
The Sweet Spot groups the original color and five complimentary colors.



243.4650, 4.7008, -14.4398



252.0210, 1.4686, -4.4034



242.6040, -6.2138, -13.6847



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000

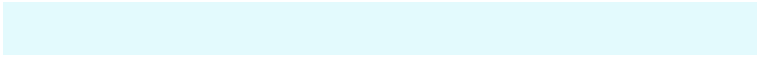


128.0000, 0.0000, 0.0000

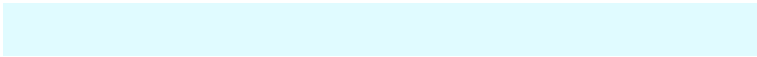


# Same Dimension

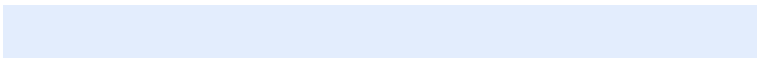
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.4650, 4.7008, -14.4398



243.3830, 5.7272, -16.9989



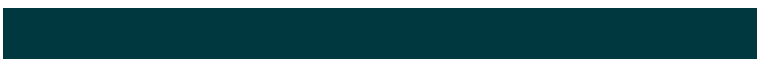
235.8340, 8.4628, -7.7474



122.9390, 2.4951, -6.9625



120.9770, 34.5213, -106.0968



40.1680, 11.7492, -35.2273



# Inverse Universe

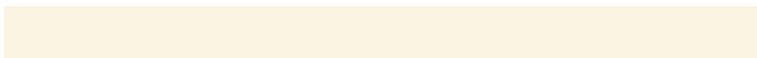
The Inverse Universe completely reimagines the original color for something new.



237.3960, 6.2138, 13.6847



236.3470, 7.2239, 16.3587



244.1660, -8.4628, 7.7474



120.1410, 2.8885, 6.8923



76.3750, 45.6641, 100.5261

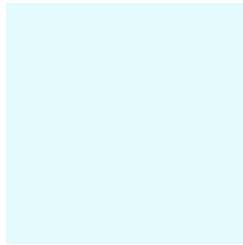


25.5200, 15.0266, 33.7470



# Previews

## White Background



This preview shows how the YUV color 243.4650, 4.7008, -14.4398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

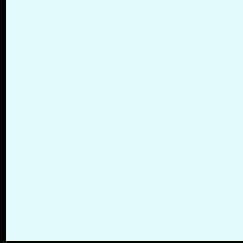
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.4650, 4.7008, -14.4398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

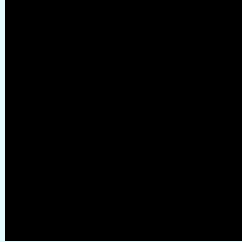
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 243.4650, 4.7008, -14.4398

## Background



This preview shows how black text looks on a background with the YUV color 243.4650, 4.7008, -14.4398.



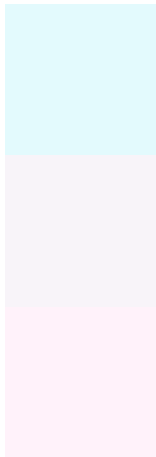
This preview shows how white text looks on a background with the YUV color 243.4650, 4.7008,

-14.4398.

# 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

243.4650, 4.7008, -14.4398

### Protanopia

245.7660, 1.5944, 1.9592

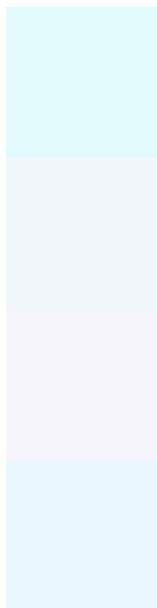
### Deuteranopia

246.7990, 1.5781, 7.1923

## **Tritanopia**

244.9330, 4.9630, -5.2032

# Trichromacy



## Original Color

243.4650, 4.7008, -14.4398

## Protanomaly

244.6620, 2.6316, -4.0886

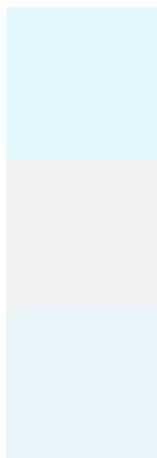
## Deuteranomaly

245.6840, 2.6208, -0.5999

## Tritanomaly

244.2100, 4.8265, -8.0772

# Monochromacy



## Original Color

243.4650, 4.7008, -14.4398

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

243.4230, 1.7635, -5.6330

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.4650, 4.7008, -14.4398 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, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(227, 250, 253)  
}
```

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, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 250, 253) }
```

## Border

The CSS property to change the border of an element to YUV 243.4650, 4.7008, -14.4398 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, 250, 253) }
```



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

```
.border{ border-color:rgb(227, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(227, 250,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 243.4650, 4.7008, -14.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 250, 253) }
```

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

```
.background{ background-color: rgb(227,  
250, 253) }
```

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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