

# Converting Colors

YUV(245.6500, 4.1166,  
-13.7250)

Have a look what the booklet for  
YUV(245.6500, 4.1166, -13.7250)  
contains.

<b>YUV(245.6500, 4.1166, -13.7250)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(245.6500, 4.1166,  
-13.7250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6FCFE
RGB	230, 252, 254
RGB Percent	90%, 99%, 100%
CMY	0.0980, 0.0118, 0.0039
CMYK	0.09, 0.01, 0.00, 0.00
HSL	185°, 92%, 95%
HSV	185°, 9%, 100%
XYZ	85.3329, 93.5996, 107.3349
YIQ	245.6500, -13.7540, -4.0420

# Conversions

## Conversions Part 2

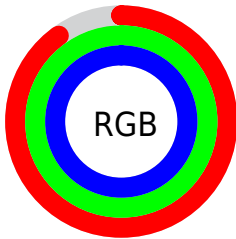
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 241, 254
Decimal	15138046
CIE <sub>Lab</sub>	97.47, -6.75, -3.41
CIE <sub>LCh</sub>	97, 7.558, 206.809
Yxy	93.5996, 0.2981, 0.3270
Android (android.graphics.Color)	4293328126 (0xFFE6FCFE)
YUV	245.6500, 4.1166, -13.7250
Hunter-Lab	96.7469, -11.8660, 1.9441

# Details

The YUV color  $245.6500, 4.1166, -13.7250$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $238.3500, -4.1165, 13.7251$ , 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  $188.9490, 3.9691, -13.1103$  is the 20% darker color. If you saturate the color by 10%, you get  $237.0010, 8.3805, -28.0649$ , and if you desaturate by 10%, it is  $254.2990, -0.1474, 0.6148$ .

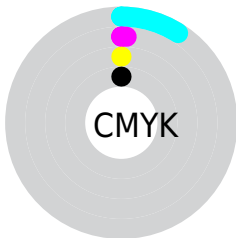
# Distribution



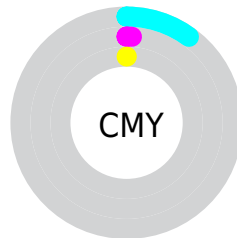
- Red (90%)
- Green (99%)
- Blue (100%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.6500, 4.1166, -13.7250 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 245.6500, 4.1166, -13.7250 by changing the saturation by 10% instead.



245.6500, 4.1166,  
-13.7250

245.6500, 4.1166,  
-13.7250

255.0000, 0.0000,  
0.0000

216.9490, 3.9691,  
-13.1103

188.9490, 3.9691,  
-13.1103

162.2480, 3.8217,  
-12.4955

136.2480, 3.8217,  
-12.4955

110.5470, 3.6743,  
-11.8807

86.4330, 3.2375,  
-11.7807

62.8460, 3.5269,

-11.2659

■ 40.8460, 3.5269,  
-11.2659

■ 19.5470, 3.6743,  
-11.8807

■ 245.6500, 4.1166,  
-13.7250

■ 245.6500, 4.1166,  
-13.7250

■ 237.0010, 8.3805,  
-28.0649

254.2990, -0.1474,  
0.6148

■ 228.0530, 12.7919,  
-43.0195

254.8860, -0.4368,  
0.1000

■ 219.4040, 17.0558,  
-57.3593

■ 210.4560, 21.4672,  
-72.3139

■ 201.2200, 26.0205,  
-86.1389

■ 192.5710, 30.2845,  
-100.4788

■ 183.6230, 34.6959,  
-115.4334

■ 174.9740, 38.9598,  
-129.7732

■ 166.0260, 43.3712,  
-144.7278

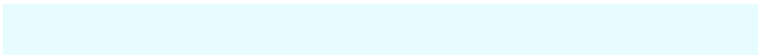
# Harmonies

## Analogous

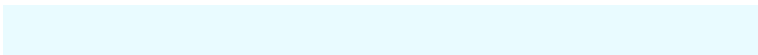
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.4500, 0.7642, -11.7956



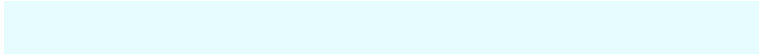
245.6500, 4.1166, -13.7250



246.0740, 4.4005, -11.4659

# Triad

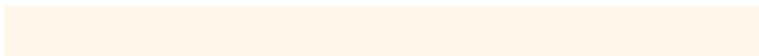
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.6500, 4.1166, -13.7250



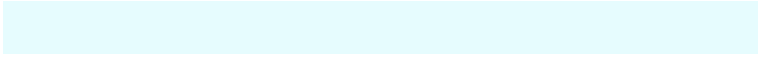
248.5430, 3.1833, 5.6628



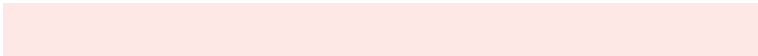
247.7960, -7.2944, 6.3179

# Complementary

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



245.6500, 4.1166, -13.7250



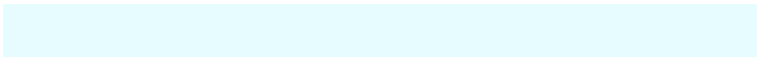
238.3500, -4.1165, 13.7251

# Split Complementary

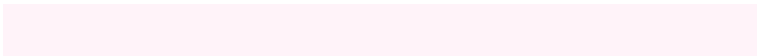
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.9640, -5.4053, 7.0476



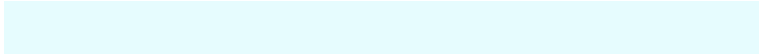
245.6500, 4.1166, -13.7250



247.2720, 0.8519, 6.7775

# Square

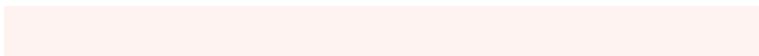
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.6500, 4.1166, -13.7250



247.6240, 3.6364, 0.3298



246.3600, -2.6425, 7.5773

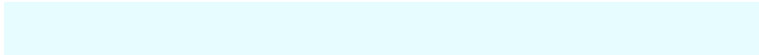


246.8060, -5.8204, 0.1701

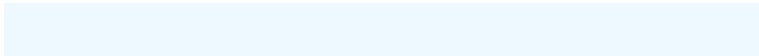


# Rectangle

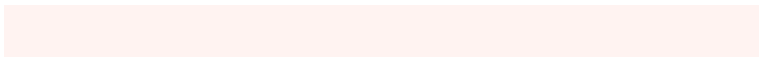
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



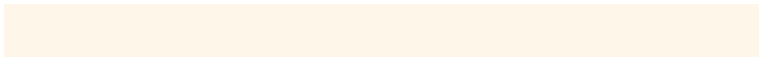
245.6500, 4.1166, -13.7250



246.0960, 4.3897, -7.9772



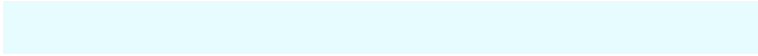
246.3600, -2.6425, 7.5773



247.3230, -6.5682, 6.7327

# Sweetspot

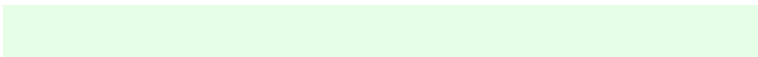
The Sweet Spot groups the original color and five complimentary colors.



245.6500, 4.1166, -13.7250



252.0210, 1.4686, -4.4034



244.3160, -6.0718, -12.5551



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000

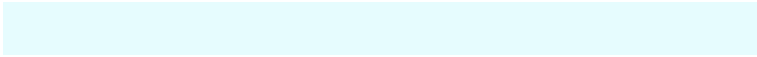


128.0000, 0.0000, 0.0000

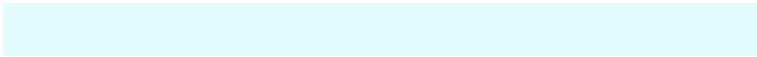


# Same Dimension

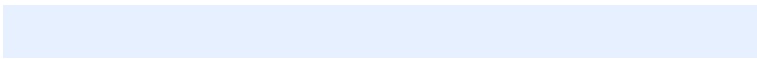
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.6500, 4.1166, -13.7250



245.4540, 4.7062, -16.1842



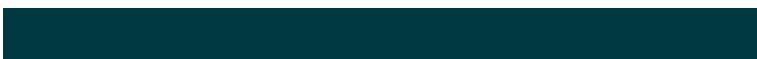
238.6060, 7.5892, -7.5475



122.9390, 2.4951, -6.9625



124.4990, 32.7850, -109.1856



41.3420, 11.1704, -36.2569



# Inverse Universe

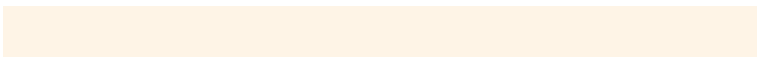
The Inverse Universe completely reimagines the original color for something new.



239.6840, 6.0718, 12.5551



238.3360, 7.2294, 14.6143



245.3940, -7.5892, 7.5475



120.1410, 2.8885, 6.8923



77.0590, 48.2849, 99.9263

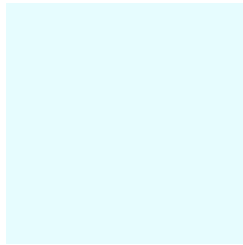


25.7480, 15.9002, 33.5470



# Previews

## White Background



This preview shows how the YUV color 245.6500, 4.1166, -13.7250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

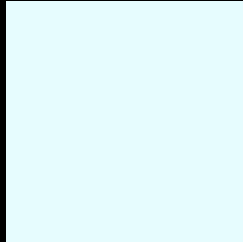
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.6500, 4.1166, -13.7250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

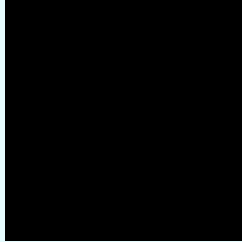
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 245.6500, 4.1166, -13.7250

## Background



This preview shows how black text looks on a background with the YUV color 245.6500, 4.1166, -13.7250.



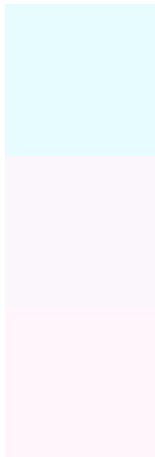
This preview shows how white text looks on a background with the YUV color 245.6500, 4.1166, -13.7250.

-13.7250.

# 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

245.6500, 4.1166, -13.7250

### Protanopia

248.0650, 1.4470, 2.5740

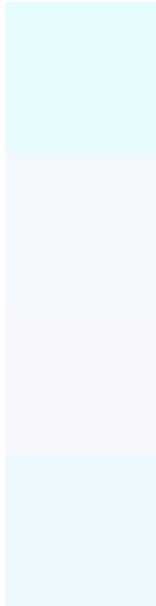
### Deuteranopia

248.6740, 1.1467, 5.5479

## **Tritanopia**

247.3030, 3.7946, -3.7737

# Trichromacy



## Original Color

245.6500, 4.1166, -13.7250

## Protanomaly

246.9610, 2.4842, -3.4738

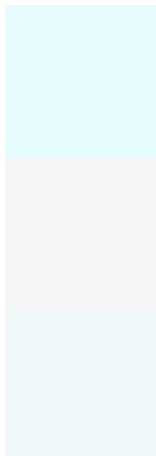
## Deuteranomaly

247.8580, 2.0420, -1.6295

## Tritanomaly

246.3950, 4.2423, -7.3624

# Monochromacy



## Original Color

245.6500, 4.1166, -13.7250

## Achromatopsia

246.0000, 0.0000, 0.0000

## Achromatomaly

245.7220, 1.6161, -5.0182

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.6500, 4.1166, -13.7250 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(230, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(230, 252, 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(230, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 252, 254) }
```

## Border

The CSS property to change the border of an element to YUV 245.6500, 4.1166, -13.7250 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(230, 252, 254) }
```



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

```
.border{ border-color:rgb(230, 252, 254) }
```

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

Here you see how a box with a 4 pixel rgb(230, 252, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(230, 252,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 245.6500, 4.1166, -13.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 252, 254) }
```

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

```
.background{ background-color: rgb(230,  
252, 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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