

# Converting Colors

YUV(241.8130, 3.5432,  
-16.4990)

Have a look what the booklet for  
YUV(241.8130, 3.5432, -16.4990)  
contains.

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# Color

**YUV(241.8130, 3.5432,  
-16.4990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFFAF9
RGB	223, 250, 249
RGB Percent	87%, 98%, 98%
CMY	0.1255, 0.0196, 0.0235
CMYK	0.11, 0.00, 0.00, 0.02
HSL	178°, 73%, 93%
HSV	178°, 11%, 98%
XYZ	81.7159, 90.8987, 102.8609
YIQ	241.8130, -15.7710, -6.0350

# Conversions

## Conversions Part 2

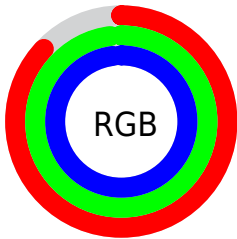
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 237, 250
Decimal	14678777
CIE Lab	96.37, -8.91, -2.50
CIE LCh	96, 9.255, 195.699
Yxy	90.8987, 0.2966, 0.3300
Android (android.graphics.Color)	4292868857 (0xFFDFFAF9)
YUV	241.8130, 3.5432, -16.4990
Hunter-Lab	95.3408, -13.8554, 2.7721

# Details

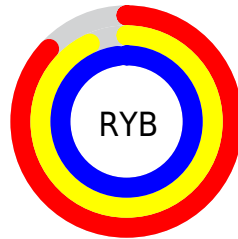
The YUV color `241.8130, 3.5432, -16.4990` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `231.1870, -3.5432, 16.4990`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.1120, 3.3958, -15.8842` is the 20% darker color. If you saturate the color by 10%, you get `234.2240, 6.7916, -31.7684`, and if you desaturate by 10%, it is `249.4020, 0.2948, -1.2296`.

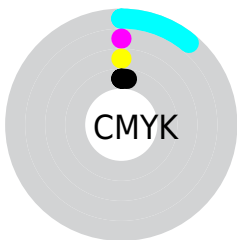
# Distribution



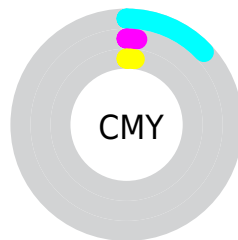
- Red (87%)
- Green (98%)
- Blue (98%)



- Red (87%)
- Yellow (93%)
- Blue (98%)



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



- Cyan (13%)
- Magenta (2%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.8130, 3.5432, -16.4990 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 241.8130, 3.5432, -16.4990 by changing the saturation by 10% instead.



241.8130, 3.5432,  
-16.4990

241.8130, 3.5432,  
-16.4990

255.0000, 0.0000,  
0.0000

213.1120, 3.3958,  
-15.8842

186.1120, 3.3958,  
-15.8842

158.4110, 3.2484,  
-15.2694

132.4110, 3.2484,  
-15.2694

106.8240, 3.5378,  
-14.7546

83.0090, 2.9536,  
-14.0399

59.4220, 3.2430,

-13.5251

■ 37.4220, 3.2430,  
-13.5251

■ 16.7100, 3.1010,  
-14.6547

■ 241.8130, 3.5432,  
-16.4990

■ 241.8130, 3.5432,  
-16.4990

■ 234.2240, 6.7916,  
-31.7684

■ 249.4020, 0.2948,  
-1.2296

■ 226.6350, 10.0399,  
-47.0379

■ 251.6090, -0.3002,  
2.9739

■ 219.0460, 13.2883,  
-62.3073

■ 251.7230, 0.1366,  
2.8739

■ 211.4570, 16.5367,  
-77.5768

■ 251.8370, 0.5734,  
2.7740

■ 203.8680, 19.7851,  
-92.8462

■ 251.9510, 1.0102,  
2.6740

■ 196.2790, 23.0335,  
-108.1157

■ 252.0650, 1.4470,  
2.5740

■ 188.8040, 26.7186,  
-123.4851

■ 181.2150, 29.9670,  
-138.7546

■ 174.2240, 32.9206,  
-152.7944

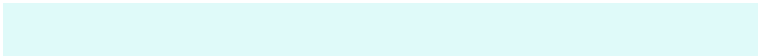
# Harmonies

## Analogous

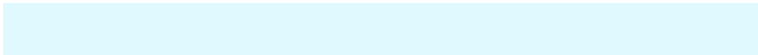
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.2820, -1.1250, -12.5253



241.8130, 3.5432, -16.4990



242.2090, 6.3060, -15.9693

# Triad

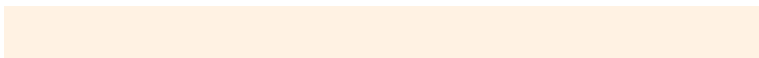
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.8130, 3.5432, -16.4990



245.8850, 4.4937, 5.3629



244.1770, -8.4683, 9.4918

# Complementary

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



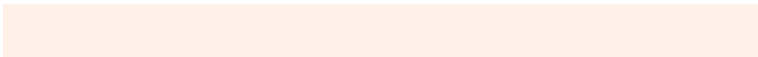
241.8130, 3.5432, -16.4990



231.1870, -3.5432, 16.4990

# 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.



243.5730, -5.7055, 10.0215



241.8130, 3.5432, -16.4990



244.9240, 2.0095, 8.8367

# Square

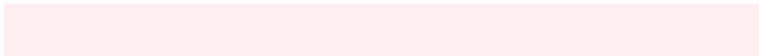
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.8130, 3.5432, -16.4990



244.3570, 5.2470, -2.9441



243.8980, -1.9217, 9.7365



243.5460, -8.1572, 3.0292

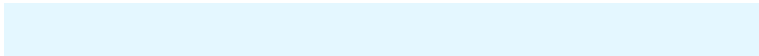


# Rectangle

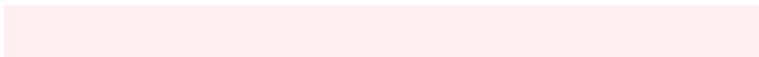
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.8130, 3.5432, -16.4990



242.2310, 6.2951, -12.4806



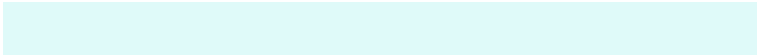
243.8980, -1.9217, 9.7365



244.2910, -8.0315, 9.3918

# Sweetspot

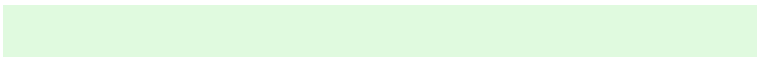
The Sweet Spot groups the original color and five complimentary colors.



241.8130, 3.5432, -16.4990



252.6080, 1.1793, -4.9182



239.1480, -7.9610, -13.2848



126.0920, 0.4476, -3.5887



0.0000, 0.0000, 0.0000

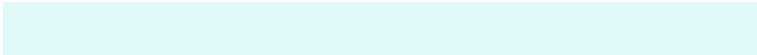


128.0000, 0.0000, 0.0000



# Same Dimension

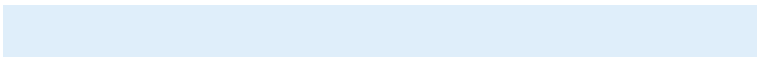
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8130, 3.5432, -16.4990



245.0190, 4.4276, -20.1877



234.8830, 7.4527, -10.4214



120.9990, 1.4795, -7.8921



131.6910, 24.8023, -115.4930

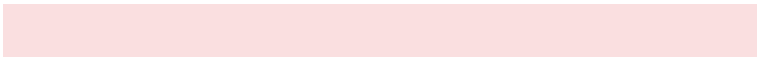


42.5330, 8.1182, -37.3014

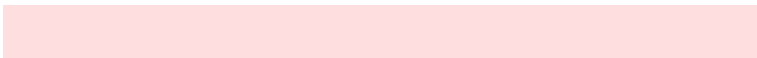


# Inverse Universe

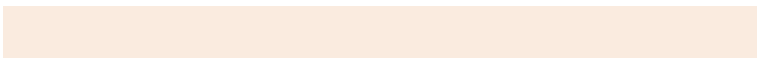
The Inverse Universe completely reimagines the original color for something new.



231.1870, -3.5432, 16.4990



231.9810, -4.4276, 20.1877



238.1170, -7.4527, 10.4214



116.0010, -1.4795, 7.8921



57.3090, -24.8023, 115.4930



18.4670, -8.1182, 37.3014



# Previews

## White Background



This preview shows how the YUV color 241.8130, 3.5432, -16.4990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

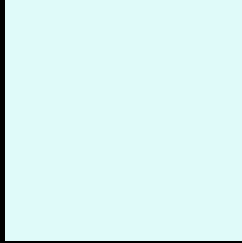
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.8130, 3.5432, -16.4990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

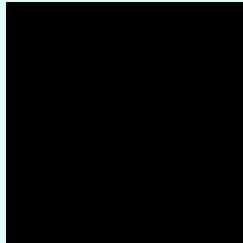
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

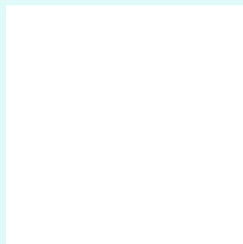
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.8130, 3.5432, -16.4990

## Background



This preview shows how black text looks on a background with the YUV color 241.8130, 3.5432, -16.4990.



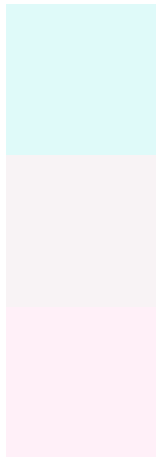
This preview shows how white text looks on a background with the YUV color 241.8130, 3.5432, -16.4990.

-16.4990.

# 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

241.8130, 3.5432, -16.4990

### Protanopia

244.7230, 0.1366, 2.8739

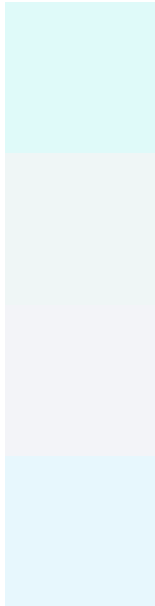
### Deuteranopia

245.3970, 1.2833, 8.4218

## **Tritanopia**

244.0360, 5.4053, -7.0476

# Trichromacy



## Original Color

241.8130, 3.5432, -16.4990

## Protanomaly

243.9070, 1.0318, -4.3034

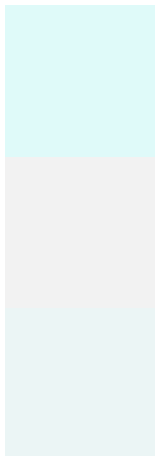
## Deuteranomaly

244.1570, 1.8946, -1.0147

## Tritanomaly

242.9000, 4.9793, -10.4363

# Monochromacy



## Original Color

241.8130, 3.5432, -16.4990

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.0100, 1.4741, -6.1478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.8130, 3.5432, -16.4990 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(223, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(223, 250, 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(223, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 250, 249) }
```

## Border

The CSS property to change the border of an element to YUV 241.8130, 3.5432, -16.4990 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(223, 250, 249) }
```



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

```
.border{ border-color:rgb(223, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(223, 250,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 241.8130, 3.5432, -16.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 250, 249) }
```

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

```
.background{ background-color: rgb(223,  
250, 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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