

Converting Colors

YUV(243.3830, 5.7272,
-16.9989)

Have a look what the booklet for
YUV(243.3830, 5.7272, -16.9989)
contains.

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Color

**YUV(243.3830, 5.7272,
-16.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FBFF
RGB	224, 251, 255
RGB Percent	88%, 98%, 100%
CMY	0.1216, 0.0157, 0.0000
CMYK	0.12, 0.02, 0.00, 0.00
HSL	188°, 100%, 94%
HSV	188°, 12%, 100%
XYZ	83.2876, 92.0617, 107.9877
YIQ	243.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

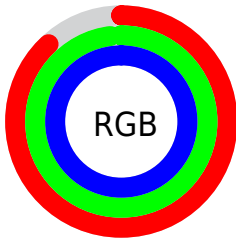
Format	Color
R _Y B	224, 238, 255
Decimal	14744575
CIE Lab	96.85, -7.94, -4.89
CIE LCh	97, 9.322, 211.631
Yxy	92.0617, 0.2940, 0.3249
Android (android.graphics.Color)	4292934655 (0xFFE0FBFF)
YUV	243.3830, 5.7272, -16.9989
Hunter-Lab	95.9488, -12.9647, 0.4349

Details

The YUV color $243.3830, 5.7272, -16.9989$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $235.6170, -5.7272, 16.9989$, 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 $186.9810, 5.4324, -15.7693$ is the 20% darker color. If you saturate the color by 10%, you get $234.1470, 10.2805, -30.8239$, and if you desaturate by 10%, it is $252.9180, 1.0264, -2.5591$.

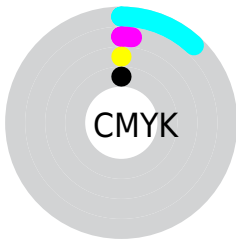
Distribution



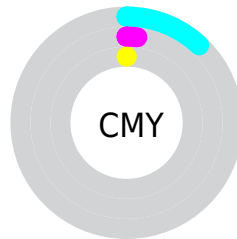
- Red (88%)
- Green (98%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.3830, 5.7272, -16.9989 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 243.3830, 5.7272, -16.9989 by changing the saturation by 10% instead.

243.3830, 5.7272,
-16.9989

243.3830, 5.7272,
-16.9989

255.0000, 0.0000,
0.0000

214.6820, 5.5798,
-16.3841

186.9810, 5.4324,
-15.7693

159.9810, 5.4324,
-15.7693

133.9810, 5.4324,
-15.7693

108.2800, 5.2850,
-15.1546

84.1660, 4.8482,
-15.0546

60.5790, 5.1376,

-14.5398

■ 38.4650, 4.7008,
-14.4398

■ 17.7530, 4.5588,
-15.5694

■ 243.3830, 5.7272,
-16.9989

■ 243.3830, 5.7272,
-16.9989

■ 234.1470, 10.2805,
-30.8239

■ 252.9180, 1.0264,
-2.5591

■ 224.0250, 15.2707,
-44.7489

255.0000, 0.0000,
0.0000

■ 214.4900, 19.9714,
-59.1887

■ 205.2540, 24.5248,
-73.0138

■ 196.0180, 29.0781,
-86.8388

■ 185.8960, 34.0683,
-100.7638

■ 176.6600, 38.6216,
-114.5888

■ 167.1250, 43.3224,
-129.0286

■ 159.3840, 47.1387,
-139.7798

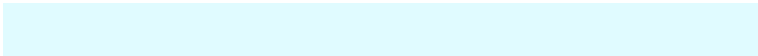
Harmonies

Analogous

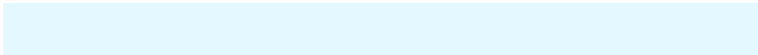
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.9550, 1.5012, -14.8695



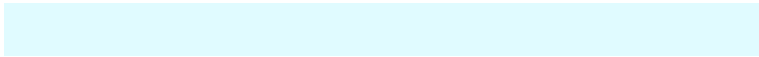
243.3830, 5.7272, -16.9989



243.4050, 5.7163, -13.5102

Triad

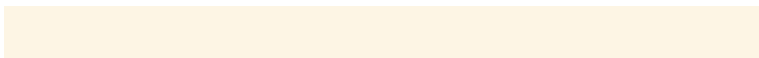
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.3830, 5.7272, -16.9989



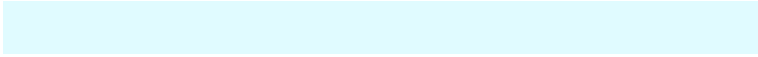
246.7820, 4.0515, 7.2072



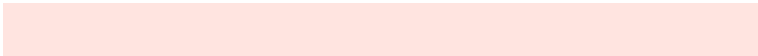
245.4540, -8.6048, 6.6178

Complementary

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



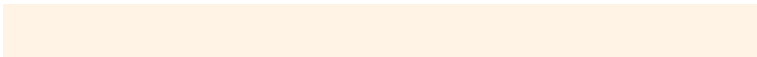
243.3830, 5.7272, -16.9989



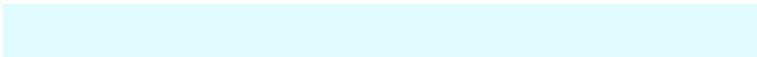
235.6170, -5.7272, 16.9989

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.



245.1060, -7.4473, 8.6770



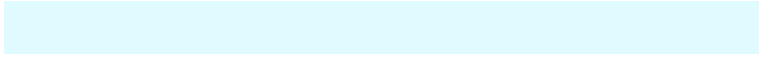
243.3830, 5.7272, -16.9989



245.1690, 0.4097, 8.6218

Square

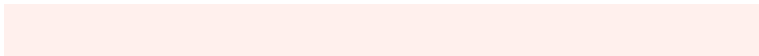
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.3830, 5.7272, -16.9989



246.1620, 4.3571, 2.4889



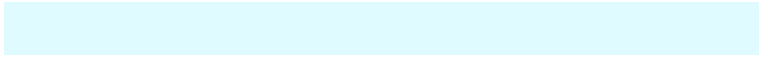
244.1430, -3.5215, 9.5216



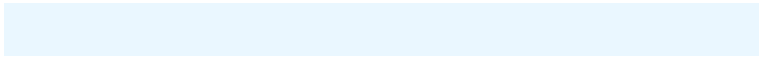
244.4530, -7.1253, -1.2743

Rectangle

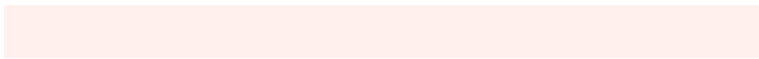
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.3830, 5.7272, -16.9989



244.0250, 5.4107, -8.7919



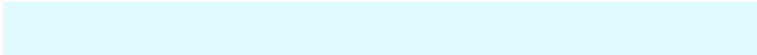
244.1430, -3.5215, 9.5216



245.4650, -8.6102, 8.3622

Sweetspot

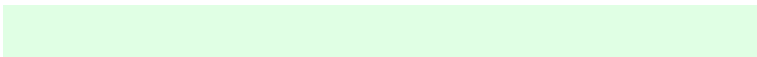
The Sweet Spot groups the original color and five complimentary colors.



243.3830, 5.7272, -16.9989



251.4230, 1.7635, -5.6330



242.6530, -7.2239, -16.3587



125.3200, 1.3212, -3.7886



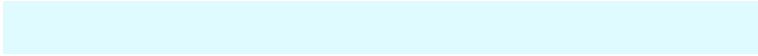
0.0000, 0.0000, 0.0000



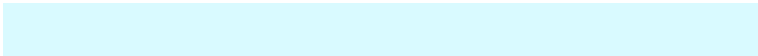
128.0000, 0.0000, 0.0000

Same Dimension

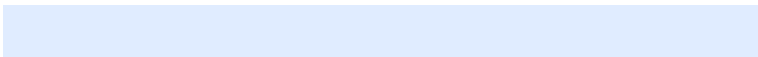
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.3830, 5.7272, -16.9989



240.7030, 7.0484, -20.7875



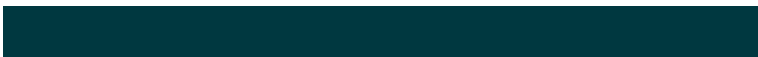
234.5780, 10.0680, -9.2769



122.9390, 2.4951, -6.9625



119.8030, 35.1001, -105.0672



40.1680, 11.7492, -35.2273

Inverse Universe

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



236.3470, 7.2239, 16.3587



232.1240, 8.8129, 20.0623



244.4220, -10.0680, 9.2769



120.1410, 2.8885, 6.8923



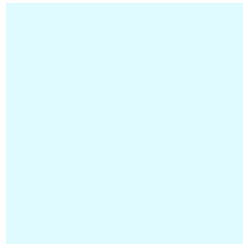
76.1470, 44.7905, 100.7261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 243.3830, 5.7272, -16.9989 looks on a white background.

Color Contrast Check

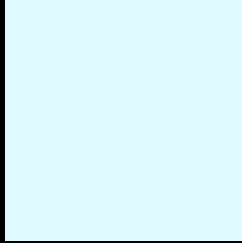
Large Text (above 18pt) WCAG AA × Fail

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 243.3830, 5.7272, -16.9989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

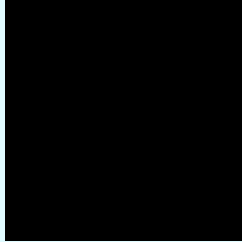
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 243.3830, 5.7272, -16.9989

Background



This preview shows how black text looks on a background with the YUV color 243.3830, 5.7272, -16.9989.



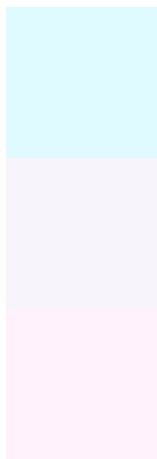
This preview shows how white text looks on a background with the YUV color 243.3830, 5.7272, -16.9989.

-16.9989.

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

243.3830, 5.7272, -16.9989

Protanopia

245.9940, 2.4680, 1.7593

Deuteranopia

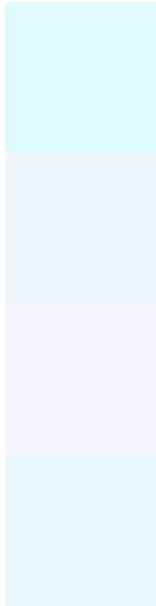
247.0270, 2.4517, 6.9923



Tritanopia

245.2210, 4.8210, -6.3328

Trichromacy



Original Color

243.3830, 5.7272, -16.9989

Protanomaly

245.1780, 3.3632, -5.4181

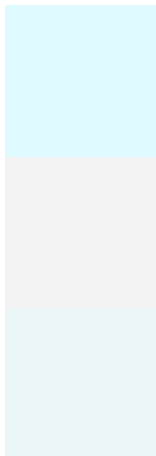
Deuteranomaly

245.6130, 3.6418, -1.4146

Tritanomaly

244.3130, 5.2687, -9.9215

Monochromacy



Original Color

243.3830, 5.7272, -16.9989

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.3830, 5.7272, -16.9989 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(224, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 251, 255)  
}
```

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(224, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 251, 255) }
```

Border

The CSS property to change the border of an element to YUV 243.3830, 5.7272, -16.9989 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(224, 251, 255) }
```


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

```
.border{ border-color:rgb(224, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 251,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 243.3830, 5.7272, -16.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 251, 255) }
```

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

```
.background{ background-color: rgb(224,  
251, 255) }
```

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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