

Converting Colors

YUV(243.9500, -0.9613,
-18.3731)

Have a look what the booklet for
YUV(243.9500, -0.9613, -18.3731)
contains.

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Color

**YUV(243.9500, -0.9613,
-18.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFF2
RGB	223, 255, 242
RGB Percent	87%, 100%, 95%
CMY	0.1255, 0.0000, 0.0510
CMYK	0.13, 0.00, 0.05, 0.00
HSL	156°, 100%, 94%
HSV	156°, 13%, 100%
XYZ	82.2184, 93.6188, 97.7413
YIQ	243.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

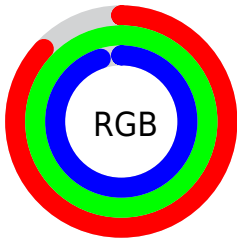
Format	Color
R _Y B	223, 243, 255
Decimal	14680050
CIE Lab	97.48, -12.72, 2.72
CIE LCh	97, 13.008, 167.927
Yxy	93.6188, 0.3005, 0.3422
Android (android.graphics.Color)	4292870130 (0xFFDFFF2)
YUV	243.9500, -0.9613, -18.3731
Hunter-Lab	96.7568, -17.6452, 7.8365

Details

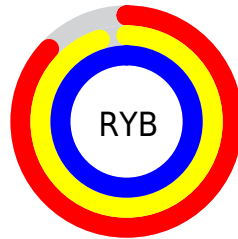
The YUV color **243.9500, -0.9613, -18.3731** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234.0500, 0.9614, 18.3732**, and the grayscale version is **244.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **187.6620, -0.8194, -17.2436** is the 20% darker color. If you saturate the color by 10%, you get **235.3350, -1.6442, -32.7428**, and if you desaturate by 10%, it is **252.8640, -0.4260, -3.3887**.

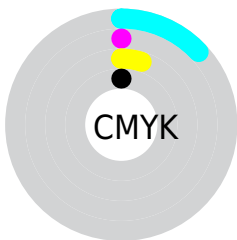
Distribution



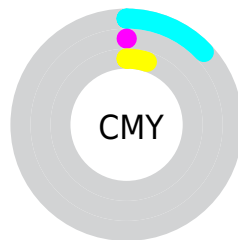
- Red (87%)
- Green (100%)
- Blue (95%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.9500, -0.9613, -18.3731 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 243.9500, -0.9613, -18.3731 by changing the saturation by 10% instead.


 243.9500, -0.9613,
-18.3731

 243.9500, -0.9613,
-18.3731

255.0000, 0.0000,
0.0000


 215.3630, -0.6720,
-17.8584

 187.6620, -0.8194,
-17.2436

 160.6620, -0.8194,
-17.2436

 134.0750, -0.5300,
-16.7288

 109.0750, -0.5300,
-16.7288

 84.3740, -0.6774,
-16.1140

 61.0860, -0.5354,

-14.9844

■ 39.2000, -0.0986,
-15.0844

■ 17.9010, 0.0488,
-15.6992

■ 243.9500, -0.9613,
-18.3731

■ 243.9500, -0.9613,
-18.3731

■ 235.3350, -1.6442,
-32.7428

■ 252.8640, -0.4260,
-3.3887

■ 226.3070, -2.6164,
-47.6272

255.0000, 0.0000,
0.0000

■ 217.6920, -3.2992,
-61.9969

■ 208.7780, -3.8346,
-76.9813

■ 200.0490, -4.9542,
-91.2510

■ 191.1350, -5.4896,
-106.2354

■ 182.4060, -6.6092,
-120.5051

■ 173.4920, -7.1446,
-135.4895

■ 166.8990, -7.8382,
-146.3704

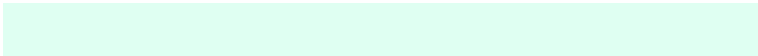
Harmonies

Analogous

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



245.1100, -6.9562, -8.8665



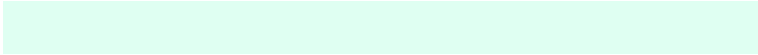
243.9500, -0.9613, -18.3731



243.6380, 5.6015, -23.3615

Triad

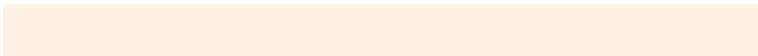
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.9500, -0.9613, -18.3731



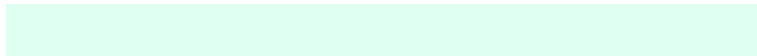
246.4280, 4.2260, -2.1294



243.8180, -7.3053, 9.8066

Complementary

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



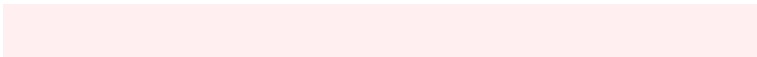
243.9500, -0.9613, -18.3731



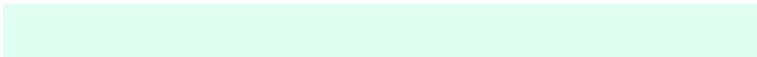
234.0500, 0.9614, 18.3732

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.



243.8980, -1.9217, 9.7365



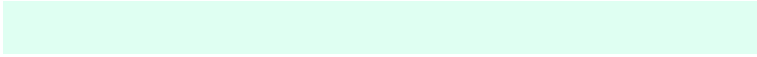
243.9500, -0.9613, -18.3731



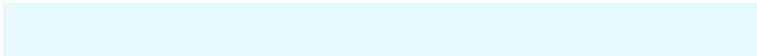
247.3690, 3.7621, 6.6924

Square

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



243.9500, -0.9613, -18.3731



244.2910, 5.2795, -13.4102



245.9670, 3.4673, 7.9219



245.4820, -11.0836, 8.3473

Rectangle

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



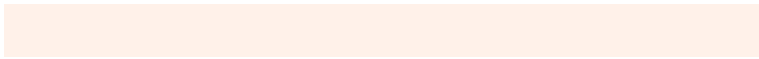
243.9500, -0.9613, -18.3731



243.0510, 5.8909, -22.8467



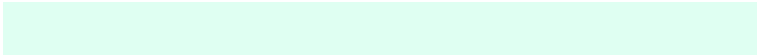
245.9670, 3.4673, 7.9219



244.2740, -5.5581, 9.4067

Sweetspot

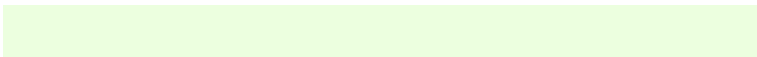
The Sweet Spot groups the original color and five complimentary colors.



243.9500, -0.9613, -18.3731



251.5540, -0.2731, -5.7479



245.6710, -11.1768, -8.4815



125.5650, -0.2785, -4.0035



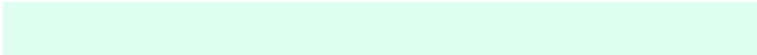
0.0000, 0.0000, 0.0000



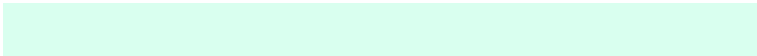
128.0000, 0.0000, 0.0000

Same Dimension

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



243.9500, -0.9613, -18.3731



241.8140, -1.3873, -21.7619



243.6710, 5.5852, -18.1285



123.4290, -0.7045, -7.3922



125.1130, -5.4787, -109.7241



41.9000, -1.9227, -36.7463

Inverse Universe

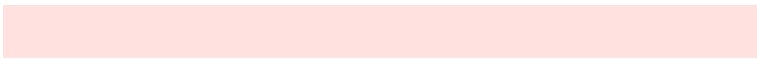
The Inverse Universe completely reimagines the original color for something new.



234.0500, 0.9614, 18.3732



230.0720, 0.9505, 21.8619



234.3290, -5.5852, 18.1285



119.4570, 0.2677, 7.4922



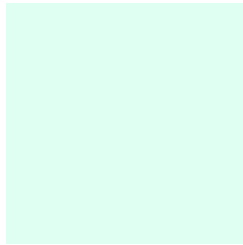
66.0010, 5.9155, 109.6241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 243.9500, -0.9613, -18.3731 looks on a white background.

Color Contrast Check

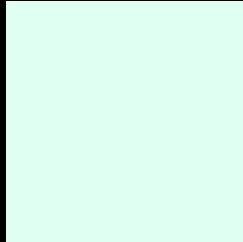
Large Text (above 18pt) WCAG AA × Fail

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 243.9500, -0.9613, -18.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

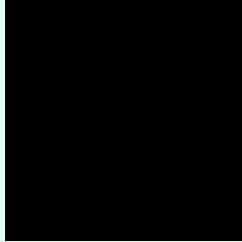
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

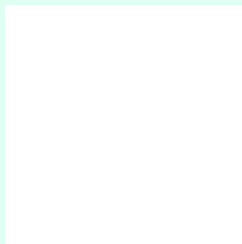
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.9500, -0.9613, -18.3731

Background



This preview shows how black text looks on a background with the YUV color 243.9500, -0.9613, -18.3731.



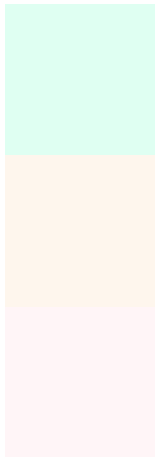
This preview shows how white text looks on a background with the YUV color 243.9500, -0.9613, -18.3731.

-18.3731.

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

243.9500, -0.9613, -18.3731

Protanopia

247.3660, -5.1104, 5.8180

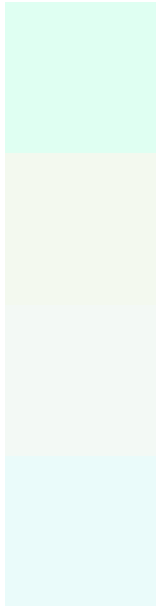
Deuteranopia

248.2180, -0.6005, 5.9478

Tritanopia

246.7050, 4.0894, -5.0033

Trichromacy



Original Color

243.9500, -0.9613, -18.3731

Protanomaly

246.0660, -3.4835, -2.6889

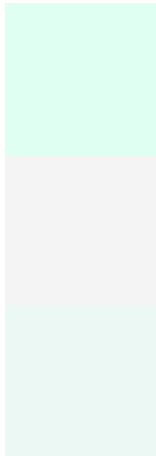
Deuteranomaly

246.7500, -0.8628, -3.2887

Tritanomaly

245.8030, 2.0691, -10.3512

Monochromacy



Original Color

243.9500, -0.9613, -18.3731

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.9500, -0.9613, -18.3731 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, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 242)  
}
```

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, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 242) }
```

Border

The CSS property to change the border of an element to YUV 243.9500, -0.9613, -18.3731 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, 255, 242) }
```


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

```
.border{ border-color:rgb(223, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 243.9500, -0.9613, -18.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 242) }
```

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

```
.background{ background-color: rgb(223,  
255, 242) }
```

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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