

Converting Colors

YUV(236.9930, 0.4965,
-19.2879)

Have a look what the booklet for
YUV(236.9930, 0.4965, -19.2879)
contains.

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Color

**YUV(236.9930, 0.4965,
-19.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F8EE
RGB	215, 248, 238
RGB Percent	84%, 97%, 93%
CMY	0.1569, 0.0275, 0.0667
CMYK	0.13, 0.00, 0.04, 0.03
HSL	162°, 70%, 91%
HSV	162°, 13%, 97%
XYZ	77.0243, 87.7549, 93.7677
YIQ	236.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

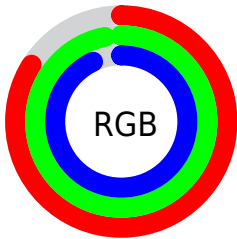
Format	Color
R _Y B	215, 234, 248
Decimal	14153966
CIE Lab	95.06, -12.54, 1.20
CIE LCh	95, 12.596, 174.542
Yxy	87.7549, 0.2979, 0.3394
Android (android.graphics.Color)	4292344046 (0xFFD7F8EE)
YUV	236.9930, 0.4965, -19.2879
Hunter-Lab	93.6776, -17.1681, 6.2273

Details

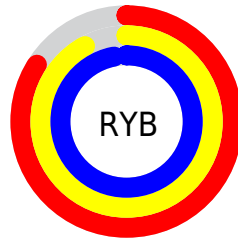
The YUV color $236.9930, 0.4965, -19.2879$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.0070, -0.4965, 19.2879$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.2920, 0.3490, -18.6731$ is the 20% darker color. If you saturate the color by 10%, you get $228.6060, 0.6872, -33.8575$, and if you desaturate by 10%, it is $245.3800, 0.3057, -4.7183$.

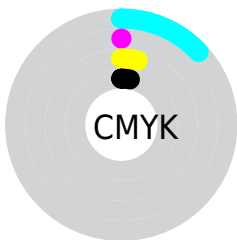
Distribution



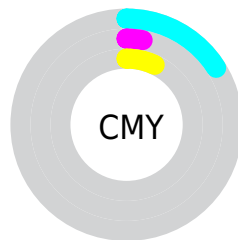
- Red (84%)
- Green (97%)
- Blue (93%)



- Red (84%)
- Yellow (92%)
- Blue (97%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.9930, 0.4965, -19.2879 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 236.9930, 0.4965, -19.2879 by changing the saturation by 10% instead.

■ 236.9930, 0.4965,
-19.2879

■ 236.9930, 0.4965,
-19.2879

255.0000, 0.0000,
0.0000

■ 208.4060, 0.7858,
-18.7731

■ 181.2920, 0.3490,
-18.6731

■ 154.0040, 0.4910,
-17.5435

■ 128.0040, 0.4910,
-17.5435

■ 103.0040, 0.4910,
-17.5435

■ 78.7160, 0.6330,
-16.4139

■ 55.7160, 0.6330,

-16.4139

■ 33.8300, 1.0698,
-16.5139

■ 15.0970, -0.5408,
-13.2401

■ 236.9930, 0.4965,
-19.2879

■ 236.9930, 0.4965,
-19.2879

■ 228.6060, 0.6872,
-33.8575

■ 245.3800, 0.3057,
-4.7183

■ 220.3330, 1.3148,
-48.5270

■ 250.6630, 1.1521,
3.8035

■ 212.2450, 1.3582,
-62.4819

■ 250.8910, 2.0257,
3.6036

■ 203.9720, 1.9858,
-77.1514

■ 195.5850, 2.1766,
-91.7210

■ 187.3120, 2.8042,
-106.3906

■ 178.9250, 2.9950,
-120.9602

■ 170.9510, 3.4752,
-135.0150

■ 165.2980, 3.7971,
-144.9663

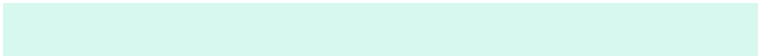
Harmonies

Analogous

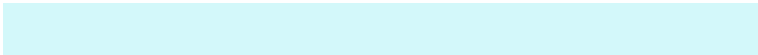
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7400, -5.7878, -10.2960



236.9930, 0.4965, -19.2879



237.1650, 6.3277, -22.9467

Triad

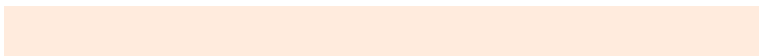
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.9930, 0.4965, -19.2879



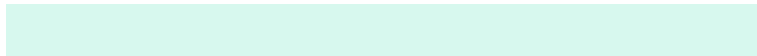
240.8350, 6.9833, 0.1447



239.3840, -9.0633, 13.6952

Complementary

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



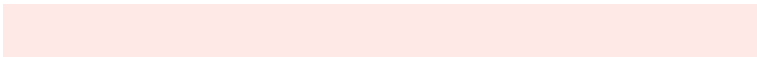
236.9930, 0.4965, -19.2879



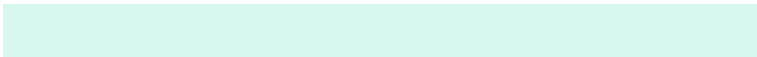
226.0070, -0.4965, 19.2879

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.



239.3500, -4.1165, 13.7251



236.9930, 0.4965, -19.2879



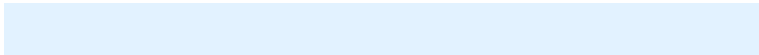
243.2600, 5.7878, 10.2960

Square

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



236.9930, 0.4965, -19.2879



238.6980, 8.0369, -11.1361



240.7180, 1.1250, 12.5253



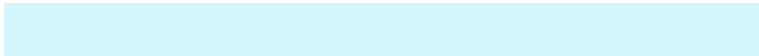
240.6780, -11.6733, 10.8064

Rectangle

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



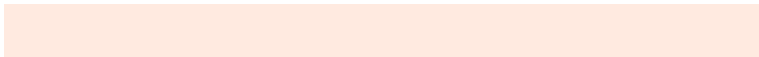
236.9930, 0.4965, -19.2879



237.4470, 8.6536, -22.3170



240.7180, 1.1250, 12.5253



239.1390, -7.4635, 13.9101

Sweetspot

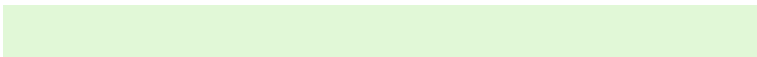
The Sweet Spot groups the original color and five complimentary colors.



236.9930, 0.4965, -19.2879



251.6680, 0.1637, -5.8478



237.3610, -11.0240, -10.8406



125.6790, 0.1583, -4.1035



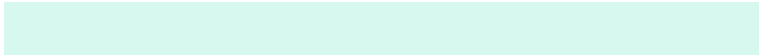
0.0000, 0.0000, 0.0000



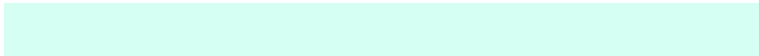
128.0000, 0.0000, 0.0000

Same Dimension

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



236.9930, 0.4965, -19.2879



241.3730, 0.8021, -24.0061



234.6110, 6.6008, -17.1988



120.6570, 0.1691, -7.5922



125.9910, 2.9624, -110.4941



40.7090, 1.1295, -35.7018

Inverse Universe

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



226.0070, -0.4965, 19.2879



227.7410, -0.3653, 23.9061



228.3890, -6.6008, 17.1988



116.3430, -0.1691, 7.5922



63.0090, -2.9624, 110.4941



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 236.9930, 0.4965, -19.2879 looks on a white background.

Color Contrast Check

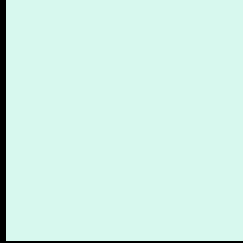
Large Text (above 18pt) WCAG AA × Fail

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 236.9930, 0.4965, -19.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

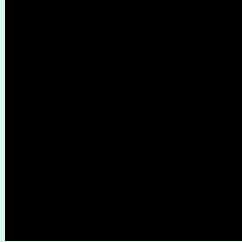
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

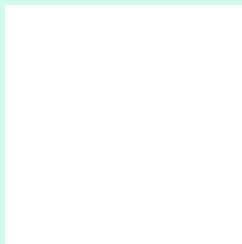
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.9930, 0.4965, -19.2879

Background



This preview shows how black text looks on a background with the YUV color 236.9930, 0.4965, -19.2879.



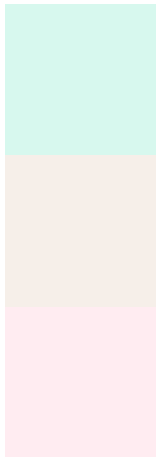
This preview shows how white text looks on a background with the YUV color 236.9930, 0.4965, -19.2879.

-19.2879.

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

236.9930, 0.4965, -19.2879

Protanopia

240.4090, -3.6526, 4.9033

Deuteranopia

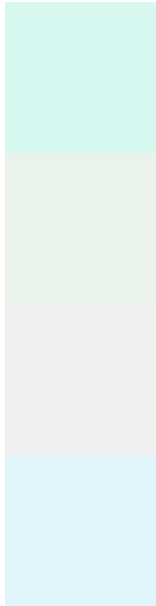
242.2510, -0.6167, 11.1809



Tritanopia

239.8830, 7.4527, -10.4214

Trichromacy



Original Color

236.9930, 0.4965, -19.2879

Protanomaly

239.1090, -2.0257, -3.6036

Deuteranomaly

240.0000, 0.0000, 0.0000

Tritanomaly

238.8780, 4.9901, -13.9250

Monochromacy



Original Color

236.9930, 0.4965, -19.2879

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.9930, 0.4965, -19.2879 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(215, 248, 238)` looks like.

```
.text, #text, p{  
    color:rgb(215, 248, 238)  
}
```

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(215, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 248, 238) }
```

Border

The CSS property to change the border of an element to YUV 236.9930, 0.4965, -19.2879 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(215, 248, 238) }
```


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

```
.border{ border-color:rgb(215, 248, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 248, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(215, 248,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 236.9930, 0.4965, -19.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 248, 238) }
```

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

```
.background{ background-color: rgb(215,  
248, 238) }
```

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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