

Converting Colors

YUV(237.2950, 5.7706,
-30.9537)

Have a look what the booklet for
YUV(237.2950, 5.7706, -30.9537)
contains.

| | |
|--|----|
| YUV(237.2950, 5.7706, -30.9537) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(237.2950, 5.7706,
-30.9537)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CAFDF9 |
| RGB | 202, 253, 249 |
| RGB Percent | 79%, 99%, 98% |
| CMY | 0.2078, 0.0078, 0.0235 |
| CMYK | 0.20, 0.00, 0.02, 0.01 |
| HSL | 175°, 93%, 89% |
| HSV | 175°, 20%, 99% |
| XYZ | 76.5813, 89.6467, 102.8898 |
| YIQ | 237.2950, -29.1120, -12.0560 |

Conversions

Conversions Part 2

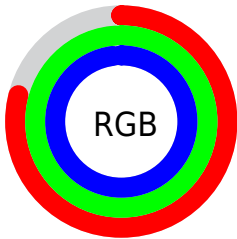
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 229, 253 |
| Decimal | 13303289 |
| CIE Lab | 95.85, -16.85, -3.42 |
| CIE LCh | 96, 17.192, 191.461 |
| Yxy | 89.6467, 0.2846, 0.3331 |
| Android (android.graphics.Color) | 4291493369 (0xFFCAFDF9) |
| YUV | 237.2950, 5.7706, -30.9537 |
| Hunter-Lab | 94.6819, -21.3178, 1.8476 |

Details

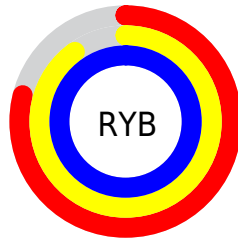
The YUV color $237.2950, 5.7706, -30.9537$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.7050, -5.7706, 30.9537$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.0070, 5.9125, -29.8241$ is the 20% darker color. If you saturate the color by 10%, you get $229.5920, 8.5821, -46.1232$, and if you desaturate by 10%, it is $244.9980, 2.9590, -15.7842$.

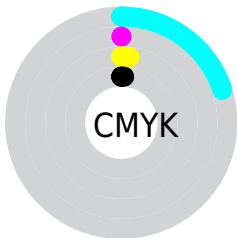
Distribution



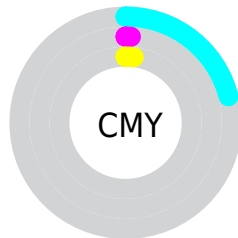
- Red (79%)
- Green (99%)
- Blue (98%)



- Red (79%)
- Yellow (90%)
- Blue (99%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (21%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.2950, 5.7706, -30.9537 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 237.2950, 5.7706, -30.9537 by changing the saturation by 10% instead.

■ 237.2950, 5.7706,
-30.9537

■ 237.2950, 5.7706,
-30.9537

255.0000, 0.0000,
0.0000

■ 208.5940, 5.6232,
-30.3389

■ 181.0070, 5.9125,
-29.8241

■ 153.8930, 5.4758,
-29.7242

■ 127.6050, 5.6177,
-28.5946

■ 102.3060, 5.7651,
-29.2094

■ 77.6050, 5.6177,
-28.5946

■ 53.1210, 6.3493,

-29.9241

■ 32.0180, 5.9071,
-28.0798

■ 17.8840, 2.5222,
-15.6843

■ 237.2950, 5.7706,
-30.9537

■ 237.2950, 5.7706,
-30.9537

■ 229.5920, 8.5821,
-46.1232

■ 244.9980, 2.9590,
-15.7842

■ 221.5900, 11.5411,
-61.9074

■ 253.0000, 0.0000,
0.0000

■ 213.8870, 14.3527,
-77.0769

■ 253.8260, 0.5788,
1.0296

■ 206.1840, 17.1643,
-92.2464

■ 198.1820, 20.1233,
-108.0306

■ 190.4790, 22.9349,
-123.2001

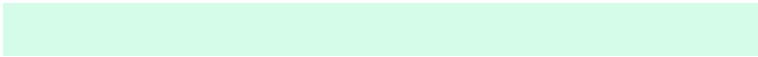
■ 182.7760, 25.7464,
-138.3696

■ 175.0730, 28.5580,
-153.5390

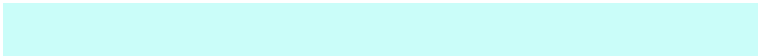
Harmonies

Analogous

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



238.0590, -2.9871, -21.9767



237.2950, 5.7706, -30.9537



236.8050, 8.9701, -30.5240

Triad

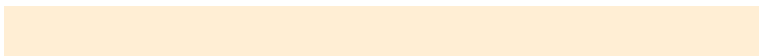
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.2950, 5.7706, -30.9537



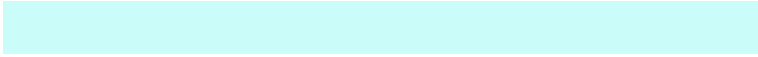
244.1350, 5.3564, 8.6516



240.1190, -13.8627, 13.0506

Complementary

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



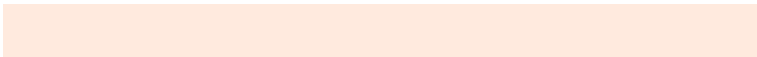
237.2950, 5.7706, -30.9537



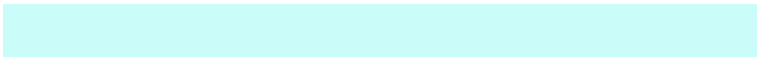
217.7050, -5.7706, 30.9537

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.



238.9110, -8.3371, 14.1101



237.2950, 5.7706, -30.9537



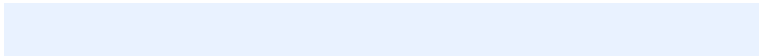
241.9720, 5.9298, 11.4256

Square

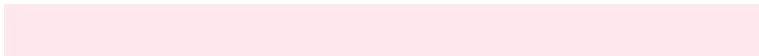
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



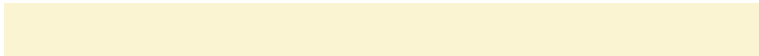
237.2950, 5.7706, -30.9537



240.7910, 7.0050, -6.8327



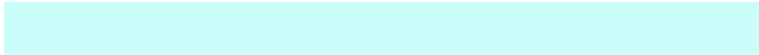
239.4470, -1.2064, 13.6400



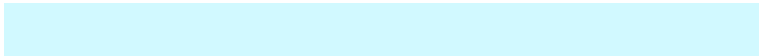
241.9180, -15.7356, 7.0879

Rectangle

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



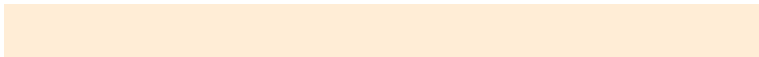
237.2950, 5.7706, -30.9537



237.7240, 8.5171, -25.1909



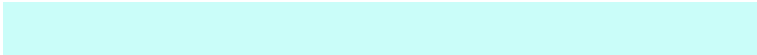
239.4470, -1.2064, 13.6400



239.7600, -12.6997, 13.3655

Sweetspot

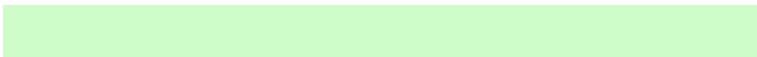
The Sweet Spot groups the original color and five complimentary colors.



237.2950, 5.7706, -30.9537



250.4010, 1.7743, -9.1217



233.1330, -15.3486, -23.7956



125.1950, 0.8899, -5.4330



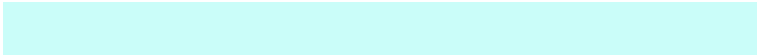
0.0000, 0.0000, 0.0000



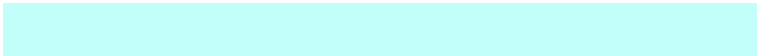
128.0000, 0.0000, 0.0000

Same Dimension

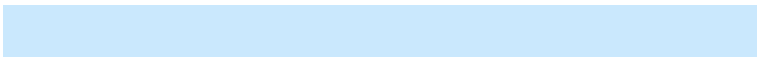
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.2950, 5.7706, -30.9537



236.1910, 6.8078, -37.0015



225.4240, 13.5950, -20.5428



123.9990, 1.4795, -7.8921



132.1810, 21.6028, -115.9227



44.2940, 7.2501, -38.8458

Inverse Universe

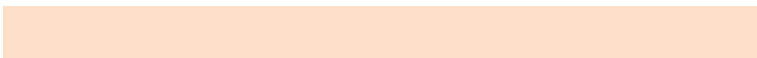
The Inverse Universe completely reimagines the original color for something new.



217.7050, -5.7706, 30.9537



212.8090, -6.8078, 37.0015



229.5760, -13.5950, 20.5428



119.0010, -1.4795, 7.8921



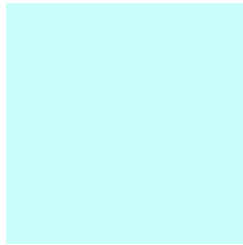
58.8190, -21.6028, 115.9227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 237.2950, 5.7706, -30.9537 looks on a white background.

Color Contrast Check

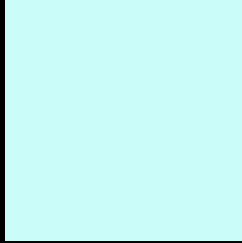
Large Text (above 18pt) WCAG AA × Fail

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 237.2950, 5.7706, -30.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

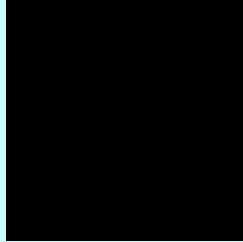
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.2950, 5.7706, -30.9537

Background



This preview shows how black text looks on a background with the YUV color 237.2950, 5.7706, -30.9537.



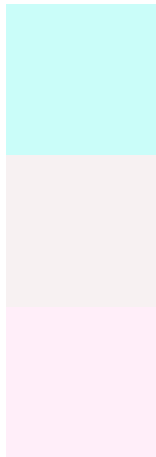
This preview shows how white text looks on a background with the YUV color 237.2950, 5.7706, -30.9537.

-30.9537.

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

237.2950, 5.7706, -30.9537

Protanopia

242.9080, -0.4476, 3.5887

Deuteranopia

244.3370, 2.2989, 9.3515



Tritanopia

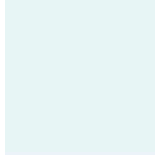
241.3450, 6.7319, -12.5806

Trichromacy



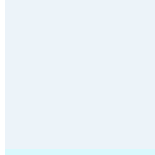
Original Color

237.2950, 5.7706, -30.9537



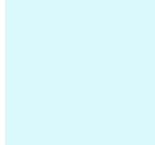
Protanomaly

240.8140, 2.0637, -8.6069



Deuteranomaly

241.5910, 3.6526, -4.9033



Tritanomaly

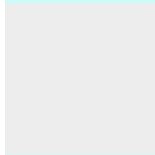
240.1870, 6.3168, -19.4580

Monochromacy



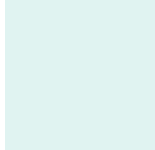
Original Color

237.2950, 5.7706, -30.9537



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

237.0910, 1.9271, -11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.2950, 5.7706, -30.9537 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(202, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(202, 253, 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(202, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 253, 249) }
```

Border

The CSS property to change the border of an element to YUV 237.2950, 5.7706, -30.9537 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(202, 253, 249) }
```


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

```
.border{ border-color:rgb(202, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(202, 253,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 237.2950, 5.7706, -30.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 253, 249) }
```

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

```
.background{ background-color: rgb(202,  
253, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor