

Converting Colors

YUV(237.3500, 5.7435,
-22.2319)

Have a look what the booklet for
YUV(237.3500, 5.7435, -22.2319)
contains.

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Color

**YUV(237.3500, 5.7435,
-22.2319)**

Conversions

Conversions Part 1	
Format	Color
Hex	D4F8F9
RGB	212, 248, 249
RGB Percent	83%, 97%, 98%
CMY	0.1686, 0.0275, 0.0235
CMYK	0.15, 0.00, 0.00, 0.02
HSL	182°, 76%, 90%
HSV	182°, 15%, 98%
XYZ	77.8177, 87.9714, 102.5013
YIQ	237.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

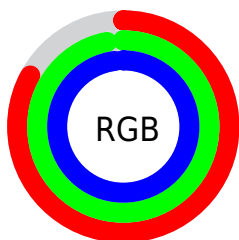
Format	Color
RYB	212, 230, 249
Decimal	13957369
CIELab	95.15, -11.34, -4.38
CIELCh	95, 12.153, 201.113
Yxy	87.9714, 0.2901, 0.3279
Android (android.graphics.Color)	4292147449 (0xFFD4F8F9)
YUV	237.3500, 5.7435, -22.2319
Hunter-Lab	93.7931, -16.0411, 0.8604

Details

The YUV color `237.3500, 5.7435, -22.2319` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `223.6500, -5.7434, 22.2320`, 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 `181.6490, 5.5960, -21.6172` is the 20% darker color. If you saturate the color by 10%, you get `229.2880, 9.7180, -37.0866`, and if you desaturate by 10%, it is `245.4120, 1.7689, -7.3773`.

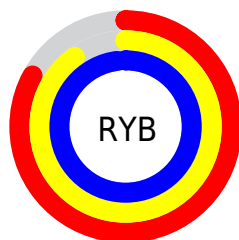
Distribution



Red (83%)

Green (97%)

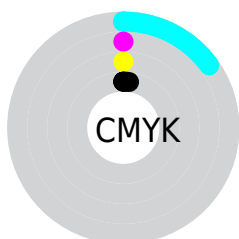
Blue (98%)



Red (83%)

Yellow (90%)

Blue (98%)

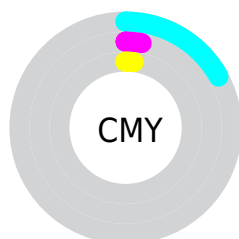


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (17%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.3500, 5.7435, -22.2319 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 237.3500, 5.7435, -22.2319 by changing the saturation by 10% instead.

 237.3500, 5.7435,
-22.2319

 237.3500, 5.7435,
-22.2319

255.0000, 0.0000,
0.0000

 208.6490, 5.5960,
-21.6172

 181.6490, 5.5960,
-21.6172

 154.2470, 5.3012,
-20.3876

 128.2470, 5.3012,
-20.3876

 103.2470, 5.3012,
-20.3876

 78.5460, 5.1538,
-19.7728

 55.5460, 5.1538,

-19.7728

■ 32.9480, 5.4486,
-21.0024

■ 16.1230, 3.3904,
-14.1399

■ 237.3500, 5.7435,
-22.2319

■ 237.3500, 5.7435,
-22.2319

■ 229.2880, 9.7180,
-37.0866

■ 245.4120, 1.7689,
-7.3773

■ 221.8130, 13.4032,
-52.4560

■ 250.7940, -0.8844,
3.6887

■ 213.7510, 17.3778,
-67.3106

■ 251.3810, -1.1738,
3.1739

■ 205.6890, 21.3523,
-82.1653

■ 251.9680, -1.4632,
2.6591

■ 198.5130, 24.8901,
-96.9199

■ 252.5550, -1.7526,
2.1443

■ 190.4510, 28.8647,
-111.7745

■ 253.1420, -2.0420,
1.6295

■ 182.3890, 32.8392,
-126.6292

■ 253.7290, -2.3314,
1.1147

■ 174.9140, 36.5244,
-141.9986

■ 170.4400, 38.7301,
-149.4759

Harmonies

Analogous

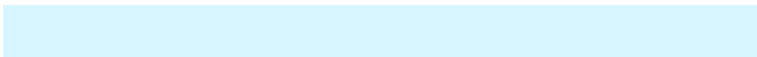
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.4770, -0.2352, -17.9583



237.3500, 5.7435, -22.2319



237.7570, 8.5008, -19.9579

Triad

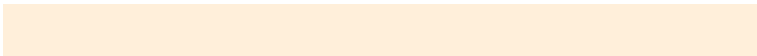
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.3500, 5.7435, -22.2319



243.2490, 5.7932, 8.5516



241.3900, -11.5313, 11.9360

Complementary

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



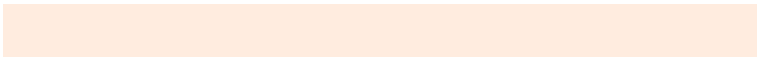
237.3500, 5.7435, -22.2319



223.6500, -5.7434, 22.2320

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.



240.1990, -8.4791, 12.9805



237.3500, 5.7435, -22.2319



240.9460, 1.9986, 12.3254

Square

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



237.3500, 5.7435, -22.2319



240.8240, 6.9888, -1.5996



239.5780, -3.2430, 13.5251



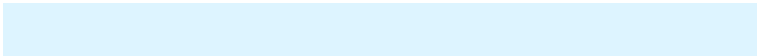
239.9650, -10.3357, 1.7847

Rectangle

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



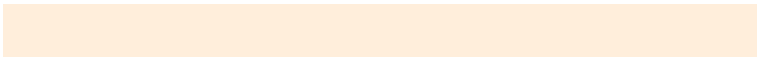
237.3500, 5.7435, -22.2319



238.3770, 8.1951, -15.2396



239.5780, -3.2430, 13.5251



240.9170, -10.8051, 12.3508

Sweetspot

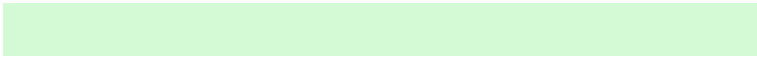
The Sweet Spot groups the original color and five complimentary colors.



237.3500, 5.7435, -22.2319



252.0100, 1.4741, -6.1478



233.8330, -10.2707, -19.1475



125.3200, 1.3212, -3.7886



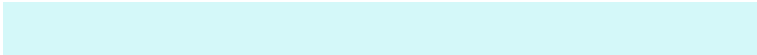
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



237.3500, 5.7435, -22.2319



240.6590, 7.0701, -27.7649



226.7840, 10.9525, -12.9656



121.1130, 1.9163, -7.9921



129.5540, 29.3069, -113.6189



42.1740, 9.2812, -36.9866

Inverse Universe

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



227.1670, 10.2707, 19.1475



227.8840, 12.8752, 23.7807



234.2160, -10.9525, 12.9656



117.3690, 3.7621, 6.6924



77.4870, 52.5109, 97.7969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 237.3500, 5.7435, -22.2319 looks on a white background.

Color Contrast Check

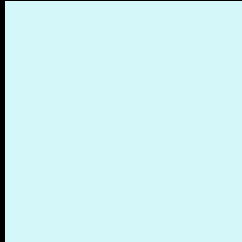
Large Text (above 18pt) WCAG AA × Fail

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 237.3500, 5.7435, -22.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

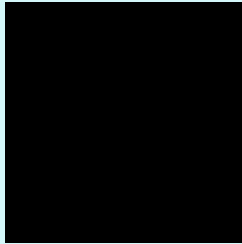
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.3500, 5.7435, -22.2319

Background



This preview shows how black text looks on a background with the YUV color 237.3500, 5.7435, -22.2319.



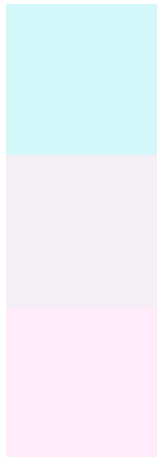
This preview shows how white text looks on a background with the YUV color 237.3500, 5.7435, -22.2319.

-22.2319.

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

237.3500, 5.7435, -22.2319

Protanopia

241.0650, 1.4470, 2.5740

Deuteranopia

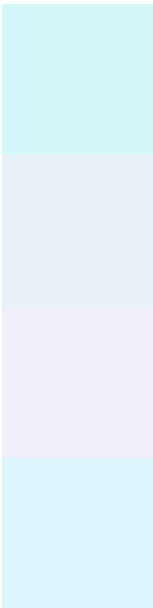
242.6900, 3.6038, 10.7959



Tritanopia

239.2850, 7.7475, -11.6509

Trichromacy



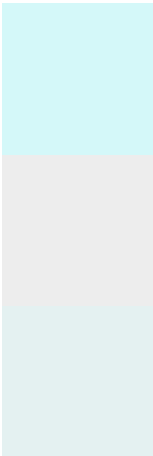
Original Color
237.3500, 5.7435, -22.2319

Protanomaly
239.4660, 3.2213, -6.5477

Deuteranomaly
240.8410, 4.5154, -1.6146

Tritanomaly
238.7360, 7.0322, -15.5545

Monochromacy



Original Color
237.3500, 5.7435, -22.2319

Achromatopsia
237.0000, 0.0000, 0.0000

Achromatomaly
237.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.3500, 5.7435, -22.2319 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(212, 248, 249) looks like.

```
.text, #text, p{  
    color:rgb(212, 248, 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(212, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 248, 249) }
```

Border

The CSS property to change the border of an element to YUV 237.3500, 5.7435, -22.2319 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(212, 248, 249) }
```


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

```
.border{ border-color:rgb(212, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 248,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 237.3500, 5.7435, -22.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 248, 249) }
```

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

```
.background{ background-color: rgb(212,  
248, 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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