

Converting Colors

YUV(236.0750, -3.9810,
-29.8838)

Have a look what the booklet for
YUV(236.0750, -3.9810, -29.8838)
contains.

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Color

**YUV(236.0750, -3.9810,
-29.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFFE4
RGB	202, 255, 228
RGB Percent	79%, 100%, 89%
CMY	0.2078, 0.0000, 0.1059
CMYK	0.21, 0.00, 0.11, 0.00
HSL	149°, 100%, 90%
HSV	149°, 21%, 100%
XYZ	74.1207, 89.6780, 86.8018
YIQ	236.0750, -22.9210, -19.6330

Conversions

Conversions Part 2

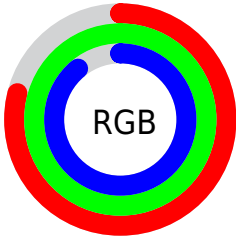
Format	Color
R_{YB}	202, 238, 255
Decimal	13303780
CIE _{Lab}	95.86, -21.94, 7.42
CIE _{LCh}	96, 23.164, 161.316
Yxy	89.6780, 0.2958, 0.3579
Android (android.graphics.Color)	4291493860 (0xFFCAFFE4)
YUV	236.0750, -3.9810, -29.8838
Hunter-Lab	94.6985, -26.0099, 11.9430

Details

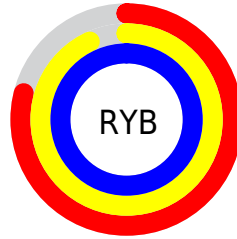
The YUV color $236.0750, -3.9810, -29.8838$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $220.9250, 3.9810, 29.8838$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.9010, -3.4022, -28.8542$ is the 20% darker color. If you saturate the color by 10%, you get $227.1180, -5.9742, -43.9535$, and if you desaturate by 10%, it is $245.0320, -1.9878, -15.8141$.

Distribution



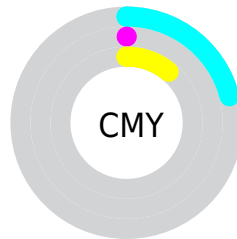
- Red (79%)
- Green (100%)
- Blue (89%)



- Red (79%)
- Yellow (93%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 236.0750, -3.9810, -29.8838 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 236.0750, -3.9810, -29.8838 by changing the saturation by 10% instead.

 236.0750, -3.9810,
-29.8838


 236.0750, -3.9810,
-29.8838

255.0000, 0.0000,
0.0000


 207.4880, -3.6916,
-29.3690


 179.9010, -3.4022,
-28.8542

 153.2000, -3.5496,
-28.2394

 126.6130, -3.2602,
-27.7246

 101.1400, -2.5340,
-27.3098

 76.5530, -2.2446,
-26.7950

 52.3680, -1.6604,

-27.5097

■ 30.7810, -1.3710,
-26.9949

■ 16.6640, -7.2294,
-14.6143

■ 236.0750, -3.9810,
-29.8838

■ 236.0750, -3.9810,
-29.8838

■ 227.1180, -5.9742,
-43.9535

■ 245.0320, -1.9878,
-15.8141

■ 217.8620, -7.8200,
-58.6380

■ 254.2880, -0.1420,
-1.1296

■ 208.6060, -9.6658,
-73.3225

■ 255.0000, 0.0000,
0.0000

■ 199.6490,
-11.6590, -87.3922

■ 190.6920,
-13.6522, -101.4619

■ 181.4360,
-15.4979, -116.1464

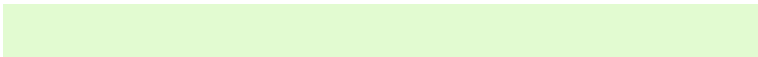
■ 172.4790,
-17.4911, -130.2161

■ 163.9350,
-19.1950, -143.7710

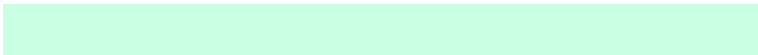
Harmonies

Analogous

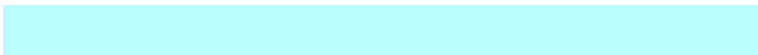
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.7370, -14.6603, -11.1703



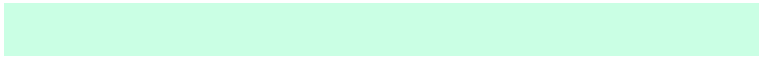
236.0750, -3.9810, -29.8838



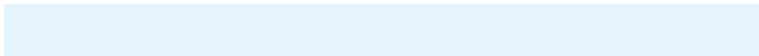
233.9130, 8.4239, -42.0197

Triad

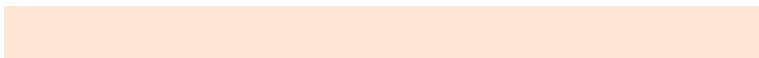
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.0750, -3.9810, -29.8838



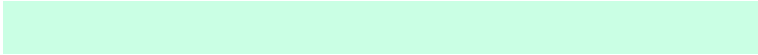
239.5950, 7.5947, -9.2918



236.2380, -10.9633, 16.4543

Complementary

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



236.0750, -3.9810, -29.8838



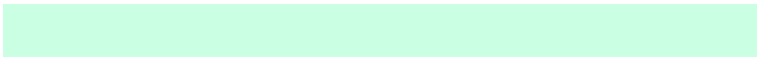
220.9250, 3.9810, 29.8838

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.



236.2840, -0.6330, 16.4139



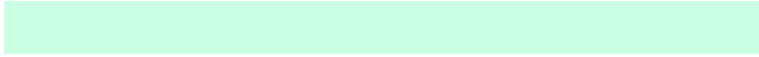
236.0750, -3.9810, -29.8838



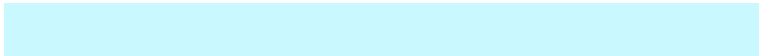
243.2600, 5.7878, 10.2960

Square

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



236.0750, -3.9810, -29.8838



235.3320, 9.6963, -30.1092



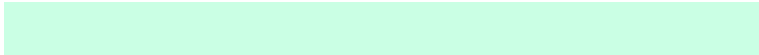
239.7380, 7.5242, 13.3848



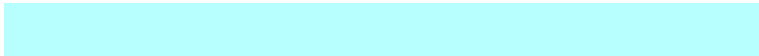
238.2780, -18.3781, 14.6652

Rectangle

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



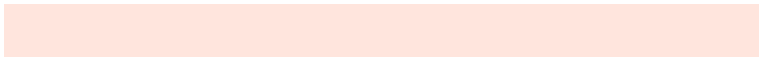
236.0750, -3.9810, -29.8838



233.4720, 10.6133, -44.2639



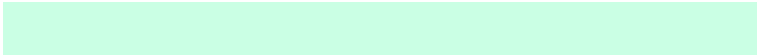
239.7380, 7.5242, 13.3848



235.8620, -7.3270, 16.7840

Sweetspot

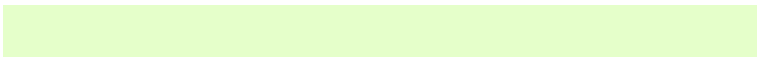
The Sweet Spot groups the original color and five complimentary colors.



236.0750, -3.9810, -29.8838



249.6030, -1.2833, -8.4218



241.1840, -19.3177, -10.6854



124.7390, -0.8573, -5.0331



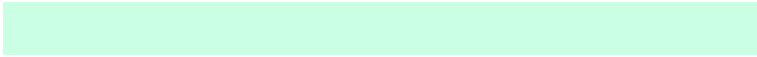
0.0000, 0.0000, 0.0000



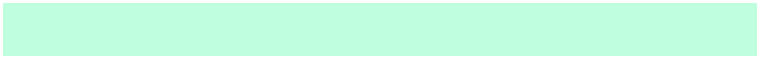
128.0000, 0.0000, 0.0000

Same Dimension

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



236.0750, -3.9810, -29.8838



232.2160, -4.5435, -36.1464



239.0390, 7.3758, -32.4832



123.3150, -1.1413, -7.2923



122.8330, -14.2147, -107.7245



41.1020, -4.9803, -36.0465

Inverse Universe

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



220.9250, 3.9810, 29.8838



213.8980, 4.9803, 36.0465



217.9610, -7.3758, 32.4832



119.5710, 0.7045, 7.3922



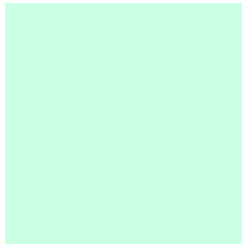
68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 236.0750, -3.9810, -29.8838 looks on a white background.

Color Contrast Check

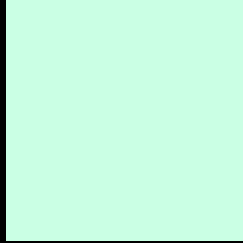
Large Text (above 18pt) WCAG AA × Fail

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 236.0750, -3.9810, -29.8838 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

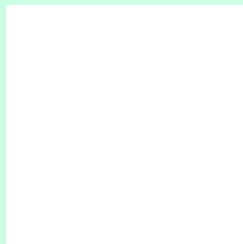
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.0750, -3.9810, -29.8838

Background



This preview shows how black text looks on a background with the YUV color 236.0750, -3.9810, -29.8838.



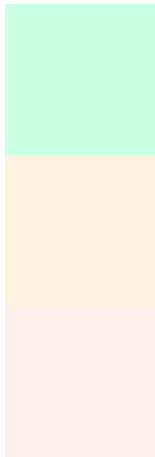
This preview shows how white text looks on a background with the YUV color 236.0750, -3.9810,

-29.8838.

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

236.0750, -3.9810, -29.8838

Protanopia

242.5960, -10.6468, 8.2473

Deuteranopia

243.6700, -2.7953, 9.9364



Tritanopia

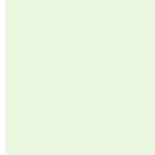
241.6440, 6.5845, -11.9658

Trichromacy



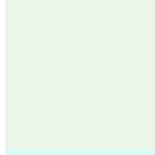
Original Color

236.0750, -3.9810, -29.8838



Protanomaly

240.4910, -8.1301, -5.6926



Deuteranomaly

241.0550, -3.4781, -4.4332



Tritanomaly

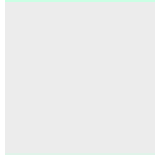
239.5740, 2.6750, -18.0434

Monochromacy



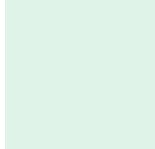
Original Color

236.0750, -3.9810, -29.8838



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0750, -3.9810, -29.8838 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, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 228)  
}
```

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, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 228) }
```

Border

The CSS property to change the border of an element to YUV 236.0750, -3.9810, -29.8838 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, 255, 228) }
```


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

```
.border{ border-color:rgb(202, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 236.0750, -3.9810, -29.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 228) }
```

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

```
.background{ background-color: rgb(202,  
255, 228) }
```

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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