

Converting Colors

YUV(236.8160, 8.9647,
-28.7796)

Have a look what the booklet for
YUV(236.8160, 8.9647, -28.7796)
contains.

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Color

**YUV(236.8160, 8.9647,
-28.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFAFF
RGB	204, 250, 255
RGB Percent	80%, 98%, 100%
CMY	0.2000, 0.0196, 0.0000
CMYK	0.20, 0.02, 0.00, 0.00
HSL	186°, 100%, 90%
HSV	186°, 20%, 100%
XYZ	77.1374, 88.4286, 107.6106
YIQ	236.8160, -29.0210, -8.1970

Conversions

Conversions Part 2

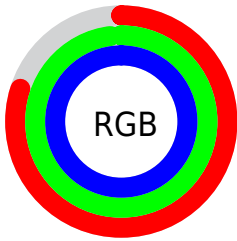
Format	Color
R _Y B	204, 228, 255
Decimal	13433599
CIE Lab	95.34, -13.53, -7.25
CIE LCh	95, 15.352, 208.182
Yxy	88.4286, 0.2824, 0.3237
Android (android.graphics.Color)	4291623679 (0xFFCCFAFF)
YUV	236.8160, 8.9647, -28.7796
Hunter-Lab	94.0365, -18.1416, -2.0229

Details

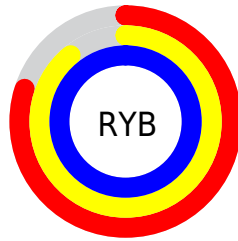
The YUV color $236.8160, 8.9647, -28.7796$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.1840, -8.9647, 28.7796$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4140, 8.6699, -27.5501$ is the 20% darker color. If you saturate the color by 10%, you get $228.1670, 13.2287, -43.1195$, and if you desaturate by 10%, it is $246.3510, 4.2640, -14.3398$.

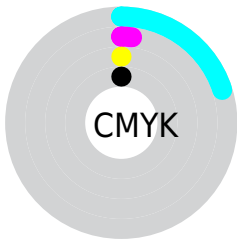
Distribution



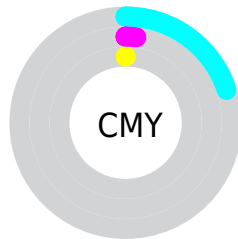
- Red (80%)
- Green (98%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 236.8160, 8.9647, -28.7796 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 236.8160, 8.9647, -28.7796 by changing the saturation by 10% instead.

■ 236.8160, 8.9647,
-28.7796

■ 236.8160, 8.9647,
-28.7796

255.0000, 0.0000,
0.0000

■ 208.1150, 8.8173,
-28.1649

■ 180.4140, 8.6699,
-27.5501

■ 153.4140, 8.6699,
-27.5501

■ 127.7130, 8.5225,
-26.9353

■ 101.7130, 8.5225,
-26.9353

■ 77.5990, 8.0857,
-26.8353

■ 53.1150, 8.8173,

-28.1649

■ 31.3000, 8.2331,
-27.4501

■ 17.1660, 4.8482,
-15.0546

■ 236.8160, 8.9647,
-28.7796

■ 236.8160, 8.9647,
-28.7796

■ 228.1670, 13.2287,
-43.1195

■ 246.3510, 4.2640,
-14.3398

■ 218.6320, 17.9294,
-57.5593

255.0000, 0.0000,
0.0000

■ 209.9830, 22.1934,
-71.8991

■ 200.4480, 26.8941,
-86.3389

■ 191.7990, 31.1581,
-100.6787

■ 182.2640, 35.8588,
-115.1185

■ 173.3160, 40.2702,
-130.0731

■ 164.0800, 44.8236,
-143.8982

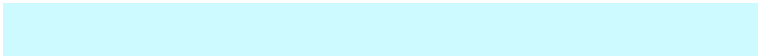
Harmonies

Analogous

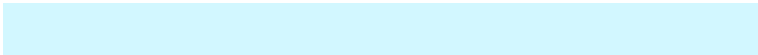
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6010, 1.6757, -24.2061



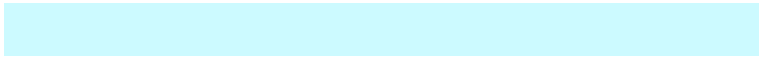
236.8160, 8.9647, -28.7796



236.8490, 8.9484, -23.5466

Triad

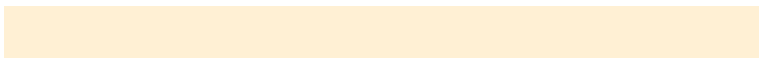
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.8160, 8.9647, -28.7796



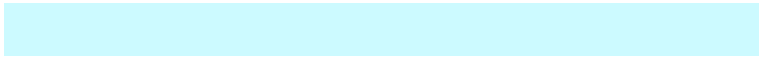
242.6730, 6.0772, 10.8108



241.2930, -14.4414, 12.0210

Complementary

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



236.8160, 8.9647, -28.7796



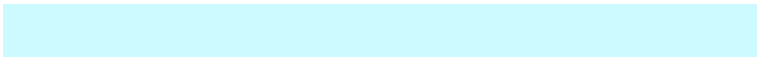
222.1840, -8.9647, 28.7796

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.



239.5150, -11.0999, 13.5803



236.8160, 8.9647, -28.7796



240.1310, 1.4144, 13.0401

Square

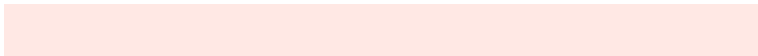
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.8160, 8.9647, -28.7796



241.7320, 6.5411, 1.9890



238.4210, -5.1376, 14.5398



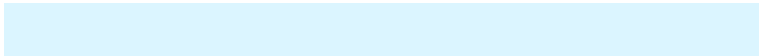
239.4870, -12.0721, -1.3041

Rectangle

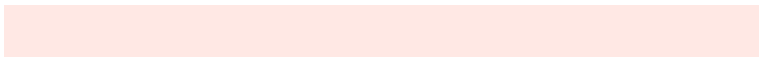
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



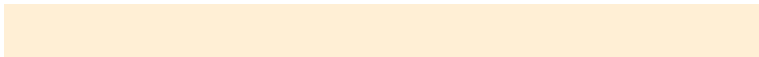
236.8160, 8.9647, -28.7796



238.3660, 8.2006, -16.9840



238.4210, -5.1376, 14.5398



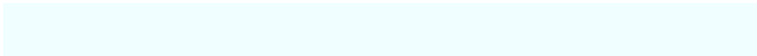
240.8200, -13.7153, 12.4359

Sweetspot

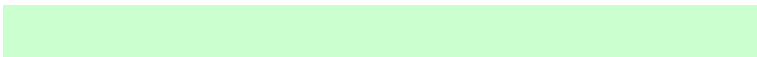
The Sweet Spot groups the original color and five complimentary colors.



236.8160, 8.9647, -28.7796



249.9280, 2.5005, -8.7069



234.3930, -13.0117, -26.6547



124.7220, 1.6161, -5.0182



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.



236.8160, 8.9647, -28.7796



233.2390, 10.7282, -34.4126



222.1410, 16.1995, -15.9097



122.9390, 2.4951, -6.9625



123.3250, 33.3638, -108.1560



41.3420, 11.1704, -36.2569

Inverse Universe

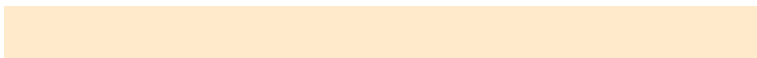
The Inverse Universe completely reimagines the original color for something new.



224.4930, 12.5750, 26.7546



218.5090, 15.0321, 32.0026



236.8590, -16.1995, 15.9097



120.1410, 2.8885, 6.8923



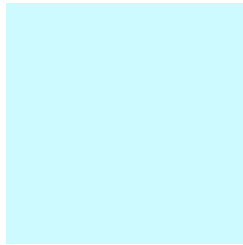
76.8310, 47.4113, 100.1262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 236.8160, 8.9647, -28.7796 looks on a white background.

Color Contrast Check

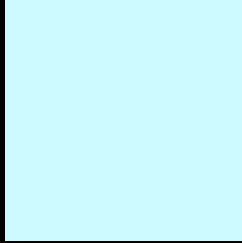
Large Text (above 18pt) WCAG AA × Fail

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 236.8160, 8.9647, -28.7796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

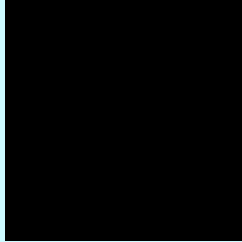
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.8160, 8.9647, -28.7796

Background



This preview shows how black text looks on a background with the YUV color 236.8160, 8.9647, -28.7796.



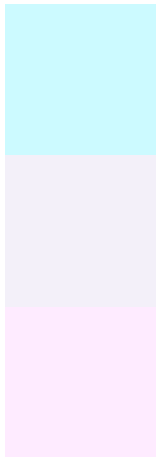
This preview shows how white text looks on a background with the YUV color 236.8160, 8.9647, -28.7796.

-28.7796.

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

236.8160, 8.9647, -28.7796

Protanopia

241.9230, 3.4890, 0.9445

Deuteranopia

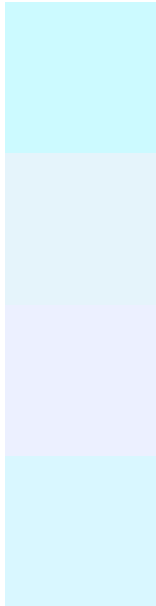
242.9610, 5.9352, 9.6812



Tritanopia

239.8610, 7.4635, -13.9101

Trichromacy



Original Color

236.8160, 8.9647, -28.7796

Protanomaly

240.3130, 5.2687, -9.9215

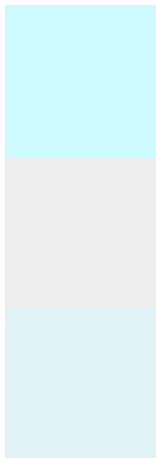
Deuteranomaly

240.5140, 7.1416, -3.9588

Tritanomaly

238.9420, 7.9166, -19.2431

Monochromacy



Original Color

236.8160, 8.9647, -28.7796

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.1450, 3.3795, -10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.8160, 8.9647, -28.7796 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(204, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 250, 255)  
}
```

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(204, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 250, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.8160, 8.9647, -28.7796 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(204, 250, 255) }
```


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

```
.border{ border-color:rgb(204, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 250,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.8160, 8.9647, -28.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 250, 255) }
```

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

```
.background{ background-color: rgb(204,  
250, 255) }
```

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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