

Converting Colors

YUV(237.9680, 8.3968,
-33.2979)

Have a look what the booklet for
YUV(237.9680, 8.3968, -33.2979)
contains.

YUV(237.9680, 8.3968, -33.2979)	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(237.9680, 8.3968,
-33.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FEFF
RGB	200, 254, 255
RGB Percent	78%, 100%, 100%
CMY	0.2157, 0.0039, 0.0000
CMYK	0.22, 0.00, 0.00, 0.00
HSL	181°, 100%, 89%
HSV	181°, 22%, 100%
XYZ	77.3112, 90.3830, 107.9787
YIQ	237.9680, -32.5050, -11.1370

Conversions

Conversions Part 2

Format	Color
R _Y B	200, 227, 255
Decimal	13172479
CIE Lab	96.16, -16.69, -6.07
CIE LCh	96, 17.763, 199.993
Yxy	90.3830, 0.2804, 0.3279
Android (android.graphics.Color)	4291362559 (0xFFC8FEFF)
YUV	237.9680, 8.3968, -33.2979
Hunter-Lab	95.0700, -21.2156, -0.7915

Details

The YUV color $237.9680, 8.3968, -33.2979$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.0320, -8.3968, 33.2979$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.5660, 8.1020, -32.0684$ is the 20% darker color. If you saturate the color by 10%, you get $230.4930, 12.0820, -48.6674$, and if you desaturate by 10%, it is $245.7420, 4.5642, -17.3137$.

Distribution



- Red (78%)
- Green (100%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.9680, 8.3968, -33.2979 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 237.9680, 8.3968, -33.2979 by changing the saturation by 10% instead.

■ 237.9680, 8.3968,
-33.2979

■ 237.9680, 8.3968,
-33.2979

255.0000, 0.0000,
0.0000

■ 209.2670, 8.2494,
-32.6832

■ 181.5660, 8.1020,
-32.0684

■ 154.5660, 8.1020,
-32.0684

■ 127.9790, 8.3914,
-31.5536

■ 102.8650, 7.9546,
-31.4536

■ 77.5660, 8.1020,
-32.0684

■ 52.1850, 9.2758,

-35.2422

■ 33.0610, 7.3649,
-28.9945

■ 18.9270, 3.9800,
-16.5990

■ 237.9680, 8.3968,
-33.2979

■ 237.9680, 8.3968,
-33.2979

■ 230.4930, 12.0820,
-48.6674

■ 245.7420, 4.5642,
-17.3137

■ 222.1320, 16.2039,
-64.1368

■ 253.8040, 0.5896,
-2.4591

■ 214.3580, 20.0365,
-80.1210

■ 255.0000, 0.0000,
0.0000

■ 206.2960, 24.0111,
-94.9756

■ 198.8210, 27.6962,
-110.3450

■ 190.4600, 31.8182,
-125.8144

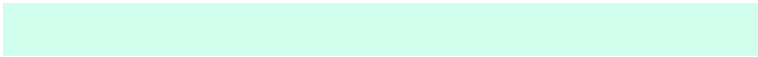
■ 182.9850, 35.5034,
-141.1838

■ 175.8200, 39.0357,
-154.1941

Harmonies

Analogous

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



238.6070, -0.7923, -25.9653



237.9680, 8.3968, -33.2979



237.6910, 8.5333, -30.4240

Triad

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



237.9680, 8.3968, -33.2979



243.8470, 5.4984, 9.7812



241.6520, -15.6044, 11.7062

Complementary

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



237.9680, 8.3968, -33.2979



217.0320, -8.3968, 33.2979

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.



239.6290, -10.6631, 13.4804



237.9680, 8.3968, -33.2979



241.5160, 4.1826, 11.8255

Square

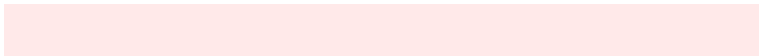
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.9680, 8.3968, -33.2979



242.2970, 6.2626, -2.0145



239.5780, -3.2430, 13.5251



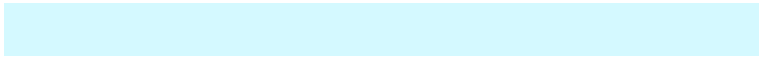
241.8250, -14.7037, 2.7845

Rectangle

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



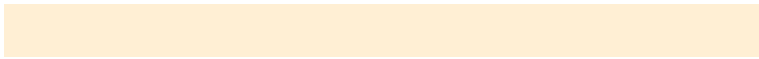
237.9680, 8.3968, -33.2979



238.6210, 8.0748, -23.3466



239.5780, -3.2430, 13.5251



240.7060, -14.1521, 12.5358

Sweetspot

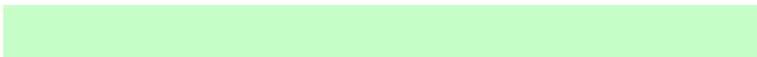
The Sweet Spot groups the original color and five complimentary colors.



237.9680, 8.3968, -33.2979



250.5150, 2.2111, -9.2217



232.3990, -15.4797, -28.4139



124.7220, 1.6161, -5.0182



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

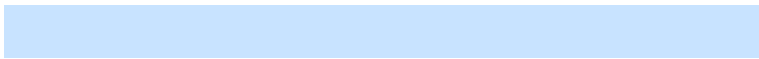
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.9680, 8.3968, -33.2979



234.6790, 10.0183, -40.0605



222.1190, 16.2103, -19.3984



123.5260, 2.2057, -7.4773



132.1300, 29.0229, -115.8780



44.2770, 9.7234, -38.8309

Inverse Universe

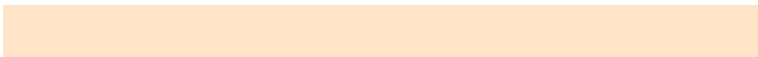
The Inverse Universe completely reimagines the original color for something new.



222.6010, 15.4797, 28.4139



216.1440, 18.6630, 34.0767



232.8810, -16.2103, 19.3984



120.2550, 3.3253, 6.7924



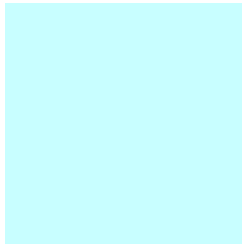
78.5410, 53.9633, 98.6265



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 237.9680, 8.3968, -33.2979 looks on a white background.

Color Contrast Check

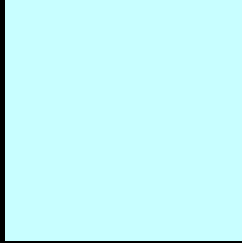
Large Text (above 18pt) WCAG AA × Fail

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 237.9680, 8.3968, -33.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

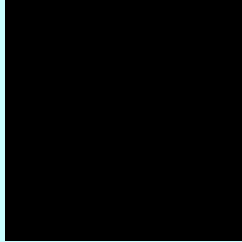
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.9680, 8.3968, -33.2979

Background



This preview shows how black text looks on a background with the YUV color 237.9680, 8.3968, -33.2979.



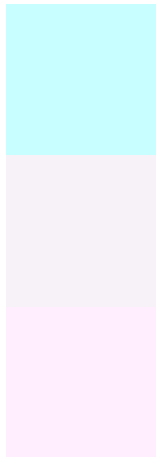
This preview shows how white text looks on a background with the YUV color 237.9680, 8.3968, -33.2979.

-33.2979.

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

237.9680, 8.3968, -33.2979

Protanopia

243.8800, 2.0312, 1.8592

Deuteranopia

244.9070, 4.4828, 8.8516



Tritanopia

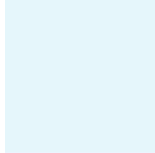
242.2310, 6.2951, -12.4806

Trichromacy



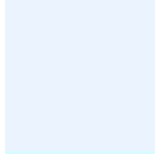
Original Color

237.9680, 8.3968, -33.2979



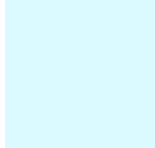
Protanomaly

241.4870, 4.6899, -10.9511



Deuteranomaly

242.4490, 5.6946, -6.5328



Tritanomaly

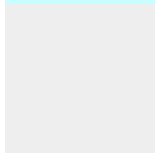
241.0020, 6.9010, -20.1728

Monochromacy



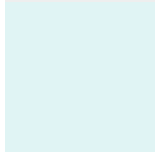
Original Color

237.9680, 8.3968, -33.2979



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

238.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.9680, 8.3968, -33.2979 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(200, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 254, 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(200, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 254, 255) }
```

Border

The CSS property to change the border of an element to YUV 237.9680, 8.3968, -33.2979 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(200, 254, 255) }
```


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

```
.border{ border-color:rgb(200, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 254,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 237.9680, 8.3968, -33.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 254, 255) }
```

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

```
.background{ background-color: rgb(200,  
254, 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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