

Converting Colors

YUV(236.1960, 9.2704,
-33.4979)

Have a look what the booklet for
YUV(236.1960, 9.2704, -33.4979)
contains.

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Color

**YUV(236.1960, 9.2704,
-33.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FCFF
RGB	198, 252, 255
RGB Percent	78%, 99%, 100%
CMY	0.2235, 0.0118, 0.0000
CMYK	0.22, 0.01, 0.00, 0.00
HSL	183°, 100%, 89%
HSV	183°, 22%, 100%
XYZ	76.1491, 88.8466, 107.7434
YIQ	236.1960, -33.1470, -10.5150

Conversions

Conversions Part 2

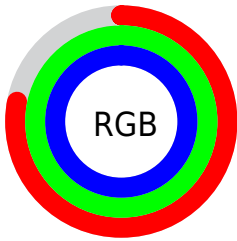
Format	Color
R_{YB}	198, 226, 255
Decimal	13040895
CIE _{Lab}	95.52, -16.29, -7.03
CIE _{LCh}	96, 17.740, 203.346
Yxy	88.8466, 0.2792, 0.3258
Android (android.graphics.Color)	4291230975 (0xFFC6FCFF)
YUV	236.1960, 9.2704, -33.4979
Hunter-Lab	94.2585, -20.7465, -1.7913

Details

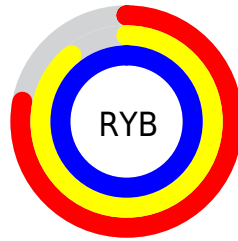
The YUV color $236.1960, 9.2704, -33.4979$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.8040, -9.2704, 33.4979$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.7940, 8.9756, -32.2683$ is the 20% darker color. If you saturate the color by 10%, you get $228.1340, 13.2449, -48.3525$, and if you desaturate by 10%, it is $244.5570, 5.1484, -18.0285$.

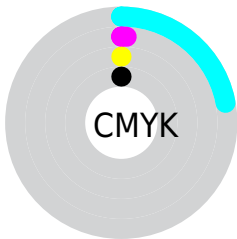
Distribution



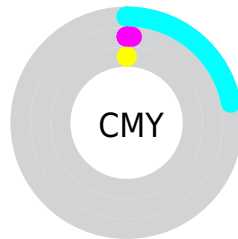
- Red (78%)
- Green (99%)
- Blue (100%)



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



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.1960, 9.2704, -33.4979 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 236.1960, 9.2704, -33.4979 by changing the saturation by 10% instead.

■ 236.1960, 9.2704,
-33.4979

■ 236.1960, 9.2704,
-33.4979

255.0000, 0.0000,
0.0000

■ 207.4950, 9.1230,
-32.8831

■ 179.7940, 8.9756,
-32.2683

■ 152.7940, 8.9756,
-32.2683

■ 126.7940, 8.9756,
-32.2683

■ 101.0930, 8.8282,
-31.6536

■ 75.7940, 8.9756,
-32.2683

■ 50.7010, 10.0074,

-36.5718

■ 31.8870, 7.9437,
-27.9649

■ 18.3400, 4.2694,
-16.0842

■ 236.1960, 9.2704,
-33.4979

■ 236.1960, 9.2704,
-33.4979

■ 228.1340, 13.2449,
-48.3525

■ 244.5570, 5.1484,
-18.0285

■ 219.1860, 17.6563,
-63.3071

■ 253.2060, 0.8844,
-3.6887

■ 211.1240, 21.6309,
-78.1617

■ 255.0000, 0.0000,
0.0000

■ 202.7630, 25.7528,
-93.6312

■ 194.1140, 30.0168,
-107.9710

■ 185.7530, 34.1388,
-123.4404

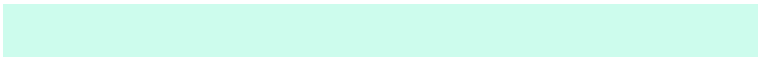
■ 177.6910, 38.1133,
-138.2950

■ 171.1240, 41.3509,
-150.0757

Harmonies

Analogous

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



236.2370, 0.3762, -27.3948



236.1960, 9.2704, -33.4979



235.9300, 9.4015, -28.8796

Triad

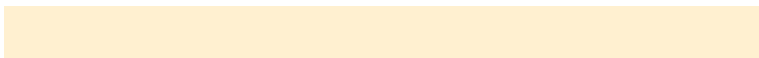
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.1960, 9.2704, -33.4979



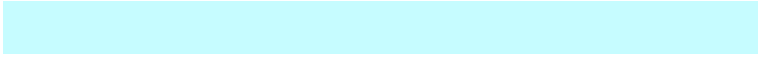
242.6730, 6.0772, 10.8108



240.8370, -16.1886, 12.4210

Complementary

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



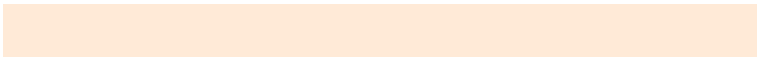
236.1960, 9.2704, -33.4979



216.8040, -9.2704, 33.4979

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.



238.1130, -11.3947, 14.8099



236.1960, 9.2704, -33.4979



240.0000, 3.4510, 13.1550

Square

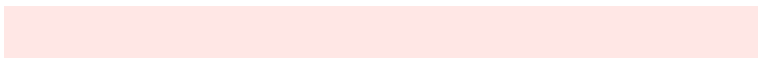
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.1960, 9.2704, -33.4979



241.4220, 6.6940, -0.3701



237.9480, -4.4114, 14.9546



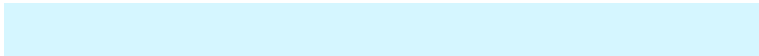
239.8140, -14.6983, 1.0401

Rectangle

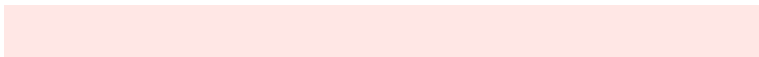
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.1960, 9.2704, -33.4979



237.1590, 8.7956, -21.1874



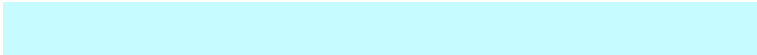
237.9480, -4.4114, 14.9546



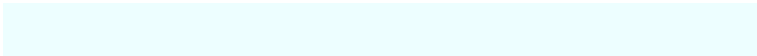
239.8910, -14.7363, 13.2506

Sweetspot

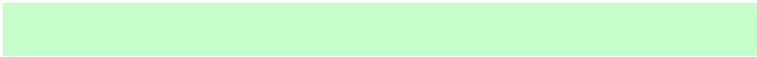
The Sweet Spot groups the original color and five complimentary colors.



236.1960, 9.2704, -33.4979



249.0310, 2.9427, -10.5512



231.8010, -15.1849, -29.6435



124.1240, 1.9109, -6.2477



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

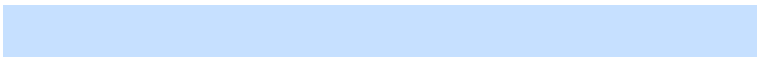
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.1960, 9.2704, -33.4979



232.0210, 11.3286, -40.3604



219.7600, 17.3733, -19.0835



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744



42.5160, 10.5916, -37.2865

Inverse Universe

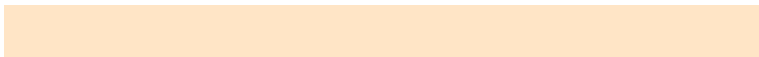
The Inverse Universe completely reimagines the original color for something new.



221.1990, 15.1849, 29.6435



214.0410, 18.2208, 35.9210



233.2400, -17.3733, 19.0835



120.2550, 3.3253, 6.7924



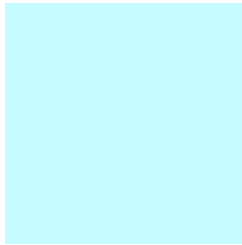
77.7430, 50.9057, 99.3264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 236.1960, 9.2704, -33.4979 looks on a white background.

Color Contrast Check

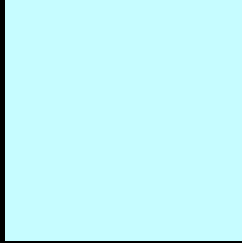
Large Text (above 18pt) WCAG AA × Fail

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 236.1960, 9.2704, -33.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

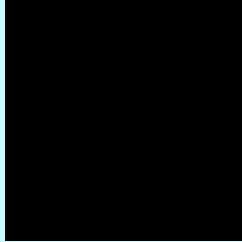
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.1960, 9.2704, -33.4979

Background



This preview shows how black text looks on a background with the YUV color 236.1960, 9.2704, -33.4979.



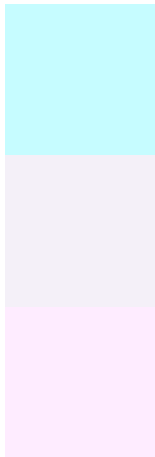
This preview shows how white text looks on a background with the YUV color 236.1960, 9.2704, -33.4979.

-33.4979.

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

236.1960, 9.2704, -33.4979

Protanopia

242.1080, 2.9048, 1.6593

Deuteranopia

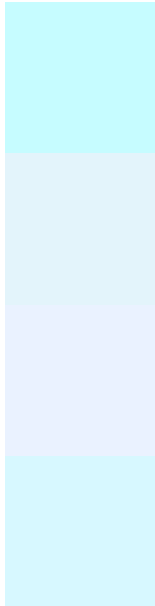
243.5480, 5.6458, 9.1664



Tritanopia

239.8610, 7.4635, -13.9101

Trichromacy



Original Color

236.1960, 9.2704, -33.4979

Protanomaly

239.7150, 5.5635, -11.1511

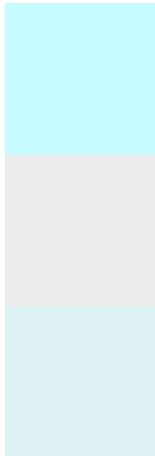
Deuteranomaly

241.0900, 6.8576, -6.2179

Tritanomaly

238.9310, 7.9220, -20.9875

Monochromacy



Original Color

236.1960, 9.2704, -33.4979

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.1340, 3.3849, -12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.1960, 9.2704, -33.4979 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(198, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 252, 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(198, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 252, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.1960, 9.2704, -33.4979 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(198, 252, 255) }
```


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

```
.border{ border-color:rgb(198, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 252,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.1960, 9.2704, -33.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 252, 255) }
```

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

```
.background{ background-color: rgb(198,  
252, 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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