

Converting Colors

YUV(237.7400, 7.5232,
-33.0980)

Have a look what the booklet for
YUV(237.7400, 7.5232, -33.0980)
contains.

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Color

**YUV(237.7400, 7.5232,
-33.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FEFD
RGB	200, 254, 253
RGB Percent	78%, 100%, 99%
CMY	0.2157, 0.0039, 0.0078
CMYK	0.21, 0.00, 0.00, 0.00
HSL	179°, 96%, 89%
HSV	179°, 21%, 100%
XYZ	76.9909, 90.2548, 106.2916
YIQ	237.7400, -31.8630, -11.7590

Conversions

Conversions Part 2

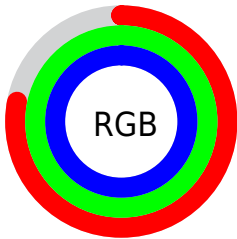
Format	Color
R _Y B	200, 227, 254
Decimal	13172477
CIE Lab	96.10, -17.11, -5.12
CIE LCh	96, 17.859, 196.662
Yxy	90.2548, 0.2815, 0.3300
Android (android.graphics.Color)	4291362557 (0xFFC8FEFD)
YUV	237.7400, 7.5232, -33.0980
Hunter-Lab	95.0025, -21.5966, 0.1664

Details

The YUV color $237.7400, 7.5232, -33.0980$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.2600, -7.5232, 33.0980$, 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 $181.3380, 7.2284, -31.8684$ is the 20% darker color. If you saturate the color by 10%, you get $230.2650, 11.2084, -48.4674$, and if you desaturate by 10%, it is $245.2150, 3.8380, -17.7286$.

Distribution



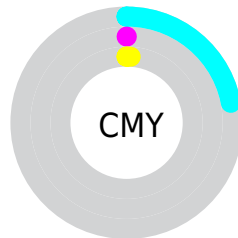
- Red (78%)
- Green (100%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 237.7400, 7.5232, -33.0980 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 237.7400, 7.5232, -33.0980 by changing the saturation by 10% instead.

■ 237.7400, 7.5232,
-33.0980

■ 237.7400, 7.5232,
-33.0980

255.0000, 0.0000,
0.0000

■ 209.0390, 7.3758,
-32.4832

■ 181.3380, 7.2284,
-31.8684

■ 154.3380, 7.2284,
-31.8684

■ 127.7510, 7.5178,
-31.3536

■ 102.6370, 7.0810,
-31.2536

■ 77.7510, 7.5178,
-31.3536

■ 52.2560, 8.2548,

-34.4275

■ 32.3600, 7.2175,
-28.3797

■ 18.8130, 3.5432,
-16.4990

■ 237.7400, 7.5232,
-33.0980

■ 237.7400, 7.5232,
-33.0980

■ 230.2650, 11.2084,
-48.4674

■ 245.2150, 3.8380,
-17.7286

■ 222.3770, 14.6041,
-64.3516

■ 253.1030, 0.4422,
-1.8443

■ 214.9020, 18.2893,
-79.7211

■ 254.2990, -0.1474,
0.6148

■ 207.0140, 21.6851,
-95.6053

■ 254.4130, 0.2894,
0.5148

■ 199.5390, 25.3703,
-110.9747

■ 191.9500, 28.6187,
-126.2441

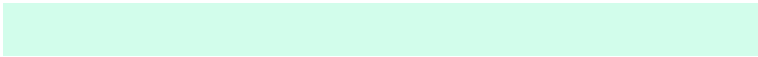
■ 184.1760, 32.4512,
-142.2284

■ 177.4840, 35.2574,
-155.6535

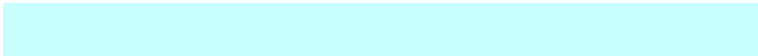
Harmonies

Analogous

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



238.0910, -1.5239, -24.6358



237.7400, 7.5232, -33.0980



237.3920, 8.6807, -31.0388

Triad

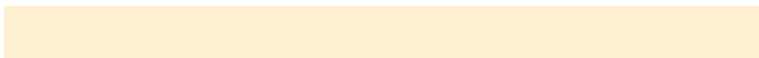
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.7400, 7.5232, -33.0980



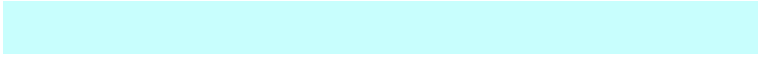
243.8470, 5.4984, 9.7812



241.0650, -15.3150, 12.2210

Complementary

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



237.7400, 7.5232, -33.0980



216.2600, -7.5232, 33.0980

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.



239.1560, -9.9369, 13.8952



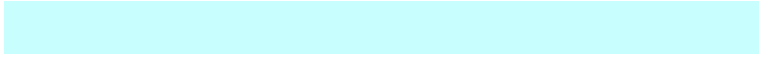
237.7400, 7.5232, -33.0980



241.7440, 5.0562, 11.6255

Square

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



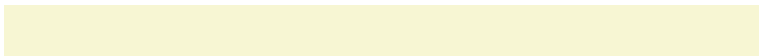
237.7400, 7.5232, -33.0980



241.9870, 6.4154, -4.3736



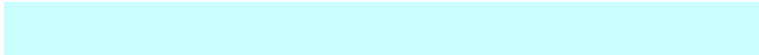
239.2190, -2.0800, 13.8399



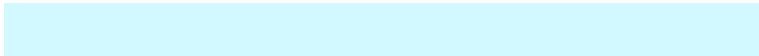
242.3090, -15.4353, 4.1140

Rectangle

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



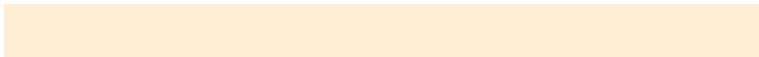
237.7400, 7.5232, -33.0980



238.0230, 8.3697, -24.5762



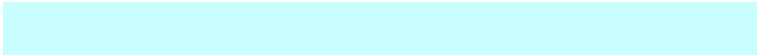
239.2190, -2.0800, 13.8399



240.2330, -13.4259, 12.9507

Sweetspot

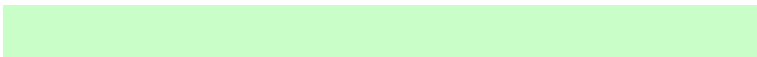
The Sweet Spot groups the original color and five complimentary colors.



237.7400, 7.5232, -33.0980



250.5150, 2.2111, -9.2217



232.2960, -15.9219, -26.5696



125.1950, 0.8899, -5.4330



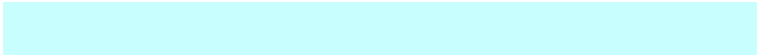
0.0000, 0.0000, 0.0000



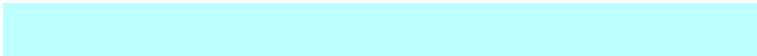
128.0000, 0.0000, 0.0000

Same Dimension

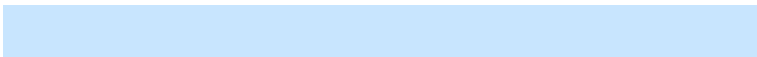
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.7400, 7.5232, -33.0980



235.1520, 9.2921, -40.4753



223.1790, 15.1948, -20.3280



123.9990, 1.4795, -7.8921



133.5490, 26.8443, -117.1225



44.7500, 8.9972, -39.2458

Inverse Universe

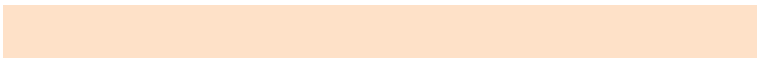
The Inverse Universe completely reimagines the original color for something new.



216.2600, -7.5232, 33.0980



208.8480, -9.2921, 40.4753



230.8210, -15.1948, 20.3280



118.8870, -1.9163, 7.9921



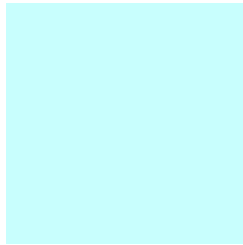
57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 237.7400, 7.5232, -33.0980 looks on a white background.

Color Contrast Check

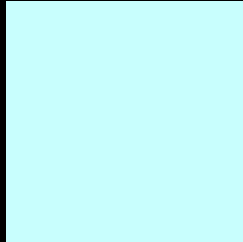
Large Text (above 18pt) WCAG AA × Fail

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 237.7400, 7.5232, -33.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

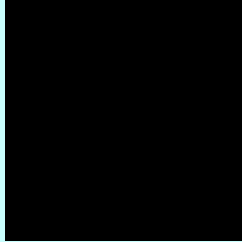
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

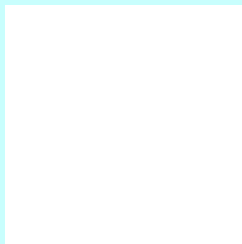
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.7400, 7.5232, -33.0980

Background



This preview shows how black text looks on a background with the YUV color 237.7400, 7.5232, -33.0980.



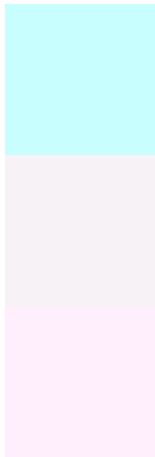
This preview shows how white text looks on a background with the YUV color 237.7400, 7.5232, -33.0980.

-33.0980.

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

237.7400, 7.5232, -33.0980

Protanopia

243.6520, 1.1576, 2.0592

Deuteranopia

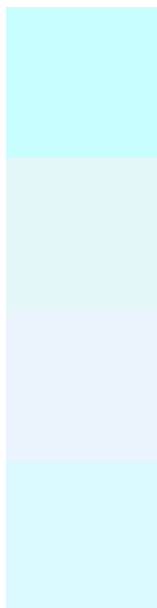
244.6790, 3.6093, 9.0515



Tritanopia

241.6440, 6.5845, -11.9658

Trichromacy



Original Color

237.7400, 7.5232, -33.0980

Protanomaly

241.2590, 3.8163, -10.7511

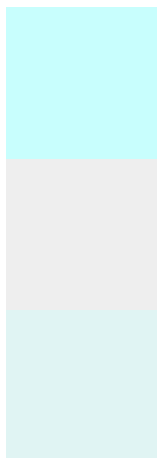
Deuteranomaly

242.2210, 4.8210, -6.3328

Tritanomaly

240.3010, 6.7536, -19.5580

Monochromacy



Original Color

237.7400, 7.5232, -33.0980

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.9060, 2.5113, -12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.7400, 7.5232, -33.0980 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(200, 254, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 254, 253) }
```

Border

The CSS property to change the border of an element to YUV 237.7400, 7.5232, -33.0980 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, 253) }
```


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

```
.border{ border-color:rgb(200, 254, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 254, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 254, 253);  
box-shadow:4px 4px 4px 4px rgb(200, 254,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 237.7400, 7.5232, -33.0980 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, 253) }
```

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

```
.background{ background-color: rgb(200,  
254, 253) }
```

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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