

Converting Colors

YUV(238.3120, 3.2972,
-30.9686)

Have a look what the booklet for
YUV(238.3120, 3.2972, -30.9686)
contains.

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Color

**YUV(238.3120, 3.2972,
-30.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFFF5
RGB	203, 255, 245
RGB Percent	80%, 100%, 96%
CMY	0.2039, 0.0000, 0.0392
CMYK	0.20, 0.00, 0.04, 0.00
HSL	168°, 100%, 90%
HSV	168°, 20%, 100%
XYZ	76.8700, 90.8091, 99.8626
YIQ	238.3120, -27.7820, -14.1340

Conversions

Conversions Part 2

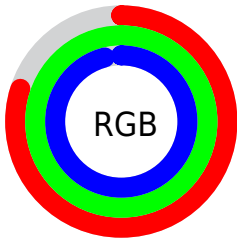
Format	Color
R_{YB}	203, 232, 255
Decimal	13369333
CIE _{Lab}	96.33, -18.34, -0.64
CIE _{LCh}	96, 18.352, 182.006
Yxy	90.8091, 0.2873, 0.3394
Android (android.graphics.Color)	4291559413 (0xFFC _B FF _F 5)
YUV	238.3120, 3.2972, -30.9686
Hunter-Lab	95.2938, -22.7747, 4.5730

Details

The YUV color $238.3120, 3.2972, -30.9686$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.6880, -3.2972, 30.9686$, 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 $182.0240, 3.4392, -29.8390$ is the 20% darker color. If you saturate the color by 10%, you get $230.2670, 4.7984, -45.8382$, and if you desaturate by 10%, it is $246.3570, 1.7960, -16.0991$.

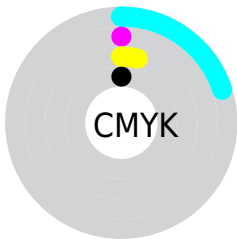
Distribution



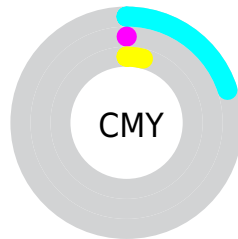
- Red (80%)
- Green (100%)
- Blue (96%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.3120, 3.2972, -30.9686 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 238.3120, 3.2972, -30.9686 by changing the saturation by 10% instead.

■ 238.3120, 3.2972,
-30.9686

■ 238.3120, 3.2972,
-30.9686

255.0000, 0.0000,
0.0000

■ 209.7250, 3.5866,
-30.4538

■ 182.0240, 3.4392,
-29.8390

■ 155.0240, 3.4392,
-29.8390

■ 128.7360, 3.5812,
-28.7095

■ 103.0350, 3.4337,
-28.0947

■ 78.7360, 3.5812,
-28.7095

■ 54.2520, 4.3128,

-30.0390

■ 32.2630, 4.3073,
-28.2947

■ 18.7160, 0.6330,
-16.4139

■ 238.3120, 3.2972,
-30.9686

■ 238.3120, 3.2972,
-30.9686

■ 230.2670, 4.7984,
-45.8382

■ 246.3570, 1.7960,
-16.0991

■ 221.9230, 6.4470,
-61.3225

254.7010, 0.1474,
-0.6148

■ 213.5790, 8.0956,
-76.8068

255.0000, 0.0000,
0.0000

■ 205.5340, 9.5967,
-91.6763

■ 197.1900, 11.2453,
-107.1606

■ 189.2590, 13.1833,
-122.1301

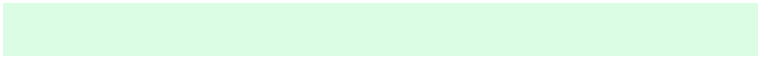
■ 180.9150, 14.8319,
-137.6145

■ 173.1690, 16.1857,
-151.8692

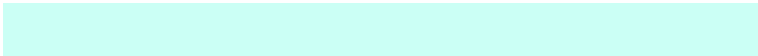
Harmonies

Analogous

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



239.5710, -6.1975, -18.9178



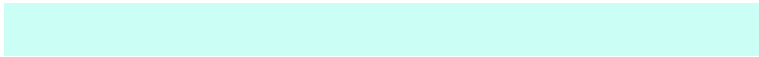
238.3120, 3.2972, -30.9686



237.6690, 8.5442, -33.9127

Triad

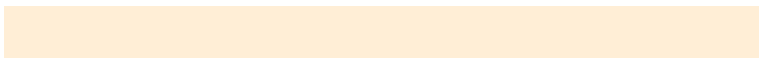
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.3120, 3.2972, -30.9686



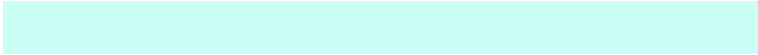
244.4010, 5.2253, 4.0333



240.3470, -12.9891, 12.8507

Complementary

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



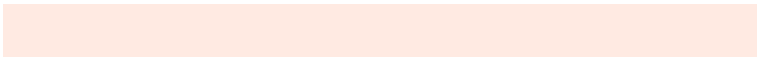
238.3120, 3.2972, -30.9686



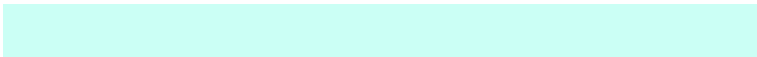
219.6880, -3.2972, 30.9686

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.



239.3670, -6.5899, 13.7101



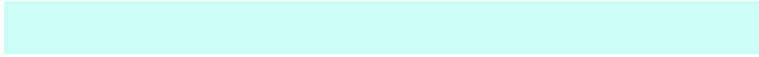
238.3120, 3.2972, -30.9686



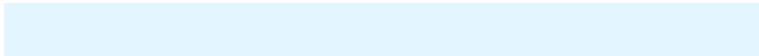
243.2600, 5.7878, 10.2960

Square

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



238.3120, 3.2972, -30.9686



241.3450, 6.7319, -12.5806



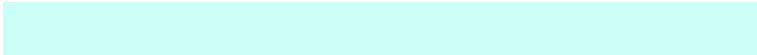
240.2450, 1.8512, 12.9401



243.2990, -16.9094, 10.2618

Rectangle

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



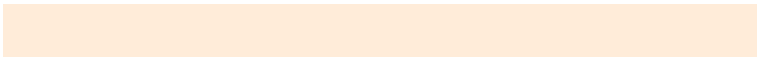
238.3120, 3.2972, -30.9686



237.6910, 8.5333, -30.4240



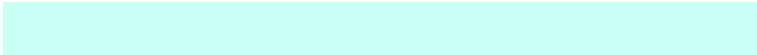
240.2450, 1.8512, 12.9401



239.5150, -11.0999, 13.5803

Sweetspot

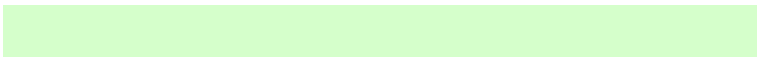
The Sweet Spot groups the original color and five complimentary colors.



238.3120, 3.2972, -30.9686



250.1730, 0.9007, -8.9217



236.5140, -16.5224, -20.6218



125.0810, 0.4531, -5.3330



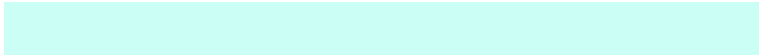
0.0000, 0.0000, 0.0000



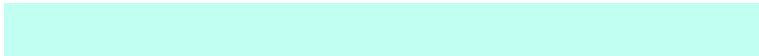
128.0000, 0.0000, 0.0000

Same Dimension

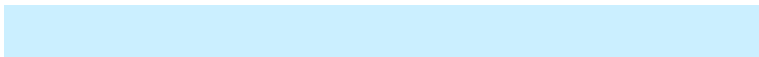
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.3120, 3.2972, -30.9686



235.3930, 3.7503, -36.3017



230.0600, 12.2954, -23.7316



123.7710, 0.6059, -7.6922



129.6730, 11.9932, -113.7232



43.3820, 3.7557, -38.0460

Inverse Universe

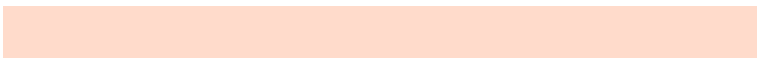
The Inverse Universe completely reimagines the original color for something new.



219.6880, -3.2972, 30.9686



213.6070, -3.7503, 36.3017



227.9400, -12.2954, 23.7316



119.1150, -1.0427, 7.7921



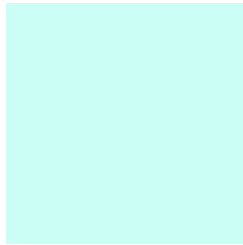
61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 238.3120, 3.2972, -30.9686 looks on a white background.

Color Contrast Check

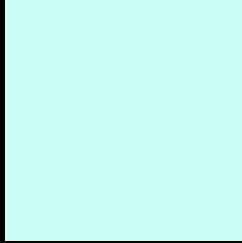
Large Text (above 18pt) WCAG AA × Fail

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 238.3120, 3.2972, -30.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

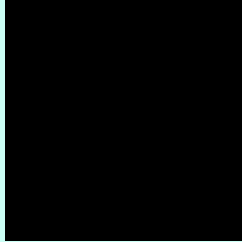
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

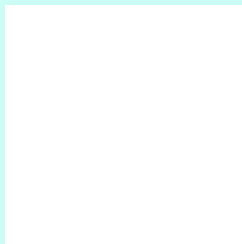
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.3120, 3.2972, -30.9686

Background



This preview shows how black text looks on a background with the YUV color 238.3120, 3.2972, -30.9686.



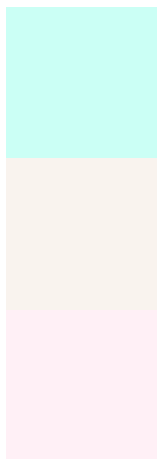
This preview shows how white text looks on a background with the YUV color 238.3120, 3.2972, -30.9686.

-30.9686.

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

238.3120, 3.2972, -30.9686

Protanopia

244.2240, -3.0684, 4.1886

Deuteranopia

245.1690, 0.4097, 8.6218



Tritanopia

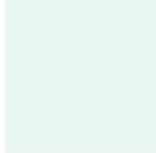
243.1280, 5.8529, -10.6363

Trichromacy



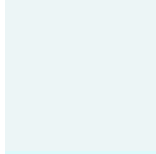
Original Color

238.3120, 3.2972, -30.9686



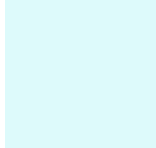
Protanomaly

241.8310, -0.4097, -8.6218



Deuteranomaly

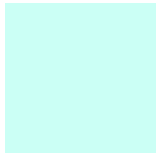
242.4230, 1.7635, -5.6330



Tritanomaly

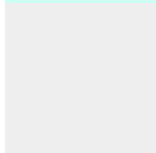
241.4430, 4.7116, -17.9285

Monochromacy



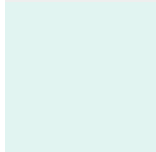
Original Color

238.3120, 3.2972, -30.9686



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.9770, 1.4903, -11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.3120, 3.2972, -30.9686 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(203, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 245)  
}
```

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(203, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 245) }
```

Border

The CSS property to change the border of an element to YUV 238.3120, 3.2972, -30.9686 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(203, 255, 245) }
```


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

```
.border{ border-color:rgb(203, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 238.3120, 3.2972, -30.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 245) }
```

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

```
.background{ background-color: rgb(203,  
255, 245) }
```

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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