

Converting Colors

YUV(137.3570, 51.5890,
-120.4621)

Have a look what the booklet for
YUV(137.3570, 51.5890, -120.4621)
contains.

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Color

**YUV(137.3570, 51.5890,
-120.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBF2
RGB	0, 187, 242
RGB Percent	0%, 73%, 95%
CMY	1.0000, 0.2667, 0.0510
CMYK	1.00, 0.23, 0.00, 0.05
HSL	194°, 100%, 47%
HSV	194°, 100%, 95%
XYZ	33.7973, 41.9515, 90.3205
YIQ	137.3570, -129.1070, -22.5390

Conversions

Conversions Part 2

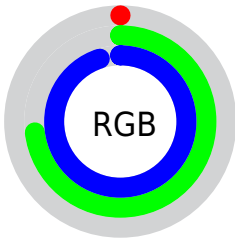
Format	Color
RYB	0, 105, 242
Decimal	48114
CIELab	70.84, -20.07, -38.20
CIELCh	71, 43.151, 242.283
Yxy	41.9515, 0.2035, 0.2526
Android (android.graphics.Color)	4278238194 (0xFF00BBF2)
YUV	137.3570, 51.5890, -120.4621
Hunter-Lab	64.7699, -20.2050, -37.3399

Details

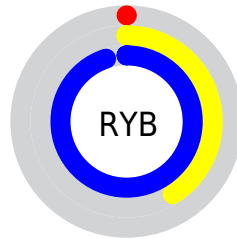
The YUV color **137.3570, 51.5890, -120.4621** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **104.6430, -51.5890, 120.4621**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9000, 24.6993, -82.3503**, and **99.8620, 42.4660, -87.5790** is the 20% darker color. If you saturate the color by 10%, you get **137.3570, 51.5890, -120.4621**, and if you desaturate by 10%, it is **147.4680, 46.6043, -108.2814**.

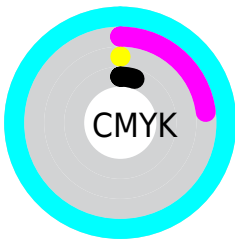
Distribution



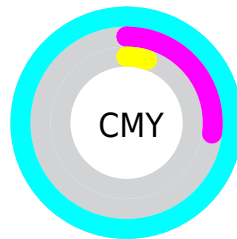
- Red (0%)
- Green (73%)
- Blue (95%)



- Red (0%)
- Yellow (41%)
- Blue (95%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3570, 51.5890, -120.4621 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 137.3570, 51.5890, -120.4621 by changing the saturation by 10% instead.

■ 137.3570, 51.5890,
-120.4621

■ 137.3570, 51.5890,
-120.4621

■ 255.0000, 0.0000,
0.0000

■ 118.2020, 46.7354,
-103.6632

■ 204.9000, 24.6993,
-82.3503

■ 99.8620, 42.4660,
-87.5790

■ 222.1100, 16.2148,
-67.6255

■ 81.4080, 37.7599,
-71.3948

■ 231.6780, 11.4977,
-47.9526

■ 64.3560, 33.3485,
-56.4402

■ 241.2460, 6.7807,
-28.2797

■ 48.0050, 29.0845,
-42.1004

■ 250.5150, 2.2111,
-9.2217

■ 32.2410, 24.5312,
-28.2754

■ 13.1830, 22.5878,

-11.5615

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 137.3570, 51.5890,
-120.4621

■ 147.4680, 46.6043,
-108.2814

■ 158.1660, 41.3302,
-96.6156

■ 168.5760, 36.1980,
-83.8202

■ 179.2740, 30.9239,
-72.1543

■ 189.3850, 25.9392,
-59.9736

■ 200.0830, 20.6651,
-48.3078

■ 210.1940, 15.6804,
-36.1271

■ 221.1910, 10.2588,
-23.8465

■ 231.3020, 5.2741,
-11.6659

Harmonies

Analogous

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



137.6870, 37.6223, -120.7515



137.3570, 51.5890, -120.4621



166.9090, 41.4569, -43.7702

Triad

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



137.3570, 51.5890, -120.4621



176.8150, -2.3738, 61.5522



165.4370, -29.7954, -10.0302

Complementary

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



137.3570, 51.5890, -120.4621



104.6430, -51.5890, 120.4621

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.



169.8710, -37.8974, 22.0381



137.3570, 51.5890, -120.4621



174.4180, -20.4191, 62.7774

Square

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



137.3570, 51.5890, -120.4621



178.2050, 16.1679, 41.0392



172.8880, -33.4688, 48.3332



159.2010, -11.9311, -46.6573

Rectangle

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



137.3570, 51.5890, -120.4621



174.5110, 35.2441, -10.9721



172.8880, -33.4688, 48.3332



167.4770, -33.7592, 1.3357

Sweetspot

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



137.3570, 51.5890, -120.4621



222.2970, 16.1226, -37.9715



147.9820, -47.3191, -129.7802



107.7890, 9.9640, -22.6170



0.0000, 0.0000, 0.0000



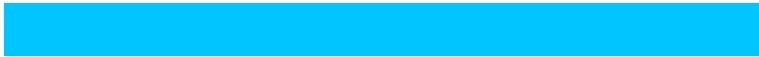
128.0000, 0.0000, 0.0000

Same Dimension

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



137.3570, 51.5890, -120.4621



144.7090, 54.3735, -126.9098



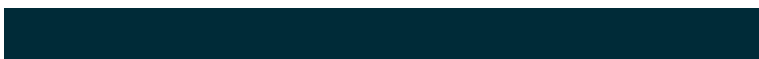
68.0910, 85.7371, -59.7158



114.6510, 2.6371, -5.8329



104.3300, 39.2773, -91.4974



31.6250, 12.0169, -27.7351

Inverse Universe

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



93.6760, 46.0087, 130.0801



98.7030, 48.4604, 137.0725



173.9090, -85.7371, 59.7158



112.6140, 2.1623, 6.4775



71.2040, 34.9024, 98.9221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 137.3570, 51.5890, -120.4621 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 137.3570, 51.5890, -120.4621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

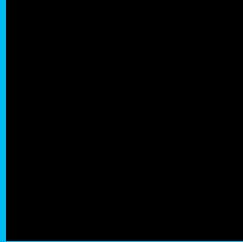
Any Text WCAG AA ✓ Pass

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 137.3570, 51.5890, -120.4621 Background



This preview shows how black text looks on a background with the YUV color 137.3570, 51.5890, -120.4621.



This preview shows how white text looks on a background with the YUV color 137.3570, 51.5890, -120.4621.

-120.4621.

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



Protanopia

172.5400, 27.8348, -14.5056

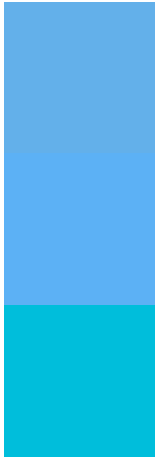
Deuteranopia

171.4770, 36.7398, -24.0973

Tritanopia

135.6010, 34.7067, -118.9221

Trichromacy



Protanomaly

159.5890, 36.6846, -53.1366

Deuteranomaly

159.3370, 42.2319, -59.0545

Tritanomaly

136.4960, 40.6745, -119.7070

Monochromacy



Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9480, 18.7596, -43.8044

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3570, 51.5890, -120.4621 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(0, 187, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 242)  
}
```

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(0, 187, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 242) }
```

Border

The CSS property to change the border of an element to YUV 137.3570, 51.5890, -120.4621 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(0, 187, 242) }
```

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

```
.border{ border-color:rgb(0, 187, 242) }
```

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

Here you see how a box with a 4 pixel rgb(0, 187, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
242) }
```


Background

The CSS property to change the background color of an element to YUV 137.3570, 51.5890, -120.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 242) }
```

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

```
.background{ background-color: rgb(0, 187,  
242) }
```

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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