

Converting Colors

YUV(137.1290, 50.7154,
-120.2621)

Have a look what the booklet for
YUV(137.1290, 50.7154, -120.2621)
contains.

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Color

**YUV(137.1290, 50.7154,
-120.2621)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBF0
RGB	0, 187, 240
RGB Percent	0%, 73%, 94%
CMY	1.0000, 0.2667, 0.0588
CMYK	1.00, 0.22, 0.00, 0.06
HSL	193°, 100%, 47%
HSV	193°, 100%, 94%
XYZ	33.4985, 41.8319, 88.7469
YIQ	137.1290, -128.4650, -23.1610

Conversions

Conversions Part 2

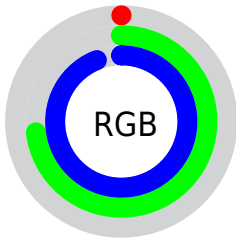
Format	Color
RYB	0, 105, 240
Decimal	48112
CIELab	70.75, -20.76, -37.24
CIELCh	71, 42.640, 240.863
Yxy	41.8319, 0.2042, 0.2550
Android (android.graphics.Color)	4278238192 (0xFF00BBF0)
YUV	137.1290, 50.7154, -120.2621
Hunter-Lab	64.6776, -20.7352, -36.0800

Details

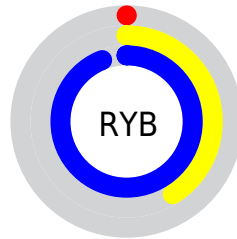
The YUV color **137.1290, 50.7154, -120.2621** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **102.8710, -50.7154, 120.2621**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6010, 24.8467, -82.9651**, and **99.6340, 41.5924, -87.3790** is the 20% darker color. If you saturate the color by 10%, you get **137.1290, 50.7154, -120.2621**, and if you desaturate by 10%, it is **147.2400, 45.7307, -108.0815**.

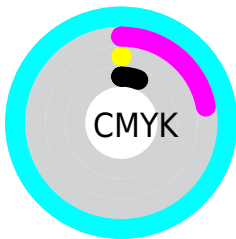
Distribution



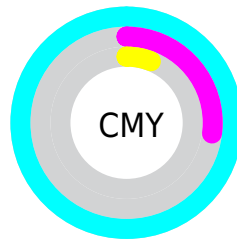
- Red (0%)
- Green (73%)
- Blue (94%)



- Red (0%)
- Yellow (41%)
- Blue (94%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1290, 50.7154, -120.2621 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 137.1290, 50.7154, -120.2621 by changing the saturation by 10% instead.

■ 137.1290, 50.7154,
-120.2621

■ 137.1290, 50.7154,
-120.2621

■ 255.0000, 0.0000,
0.0000

■ 118.0880, 46.2986,
-103.5632

■ 204.6010, 24.8467,
-82.9651

■ 99.6340, 41.5924,
-87.3790

■ 221.8110, 16.3622,
-68.2402

■ 81.2940, 37.3231,
-71.2948

■ 231.3790, 11.6452,
-48.5674

■ 64.1280, 32.4749,
-56.2403

■ 240.9470, 6.9281,
-28.8945

■ 47.7770, 28.2109,
-41.9004

■ 250.5150, 2.2111,
-9.2217

■ 32.0130, 23.6576,
-28.0754

■ 12.9550, 21.7142,

-11.3615

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 137.1290, 50.7154,
-120.2621

■ 147.2400, 45.7307,
-108.0815

■ 157.9380, 40.4566,
-96.4156

■ 168.0490, 35.4718,
-84.2350

■ 178.1600, 30.4871,
-72.0543

■ 188.2710, 25.5024,
-59.8737

■ 198.9690, 20.2283,
-48.2078

■ 209.0800, 15.2436,
-36.0272

■ 219.1910, 10.2588,
-23.8465

■ 229.8890, 4.9847,
-12.1807

Harmonies

Analogous

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



137.4590, 36.7487, -120.5515



137.1290, 50.7154, -120.2621



166.7840, 41.0255, -45.4146

Triad

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



137.1290, 50.7154, -120.2621



176.3310, -1.6422, 60.2227



166.0350, -30.0903, -8.8007

Complementary

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



137.1290, 50.7154, -120.2621



102.8710, -50.7154, 120.2621

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.



169.9960, -37.4660, 23.6825



137.1290, 50.7154, -120.2621



174.6460, -19.5455, 62.5775

Square

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



137.1290, 50.7154, -120.2621



178.3080, 16.6102, 39.1949



173.0020, -33.0320, 48.2332



159.3970, -12.5207, -44.1982

Rectangle

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



137.1290, 50.7154, -120.2621



173.6140, 35.6863, -12.8165



173.0020, -33.0320, 48.2332



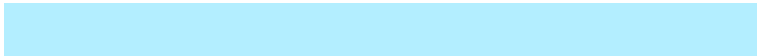
167.4880, -33.7646, 3.0800

Sweetspot

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



137.1290, 50.7154, -120.2621



222.2970, 16.1226, -37.9715



146.8080, -46.7403, -128.7506



107.7890, 9.9640, -22.6170



0.0000, 0.0000, 0.0000



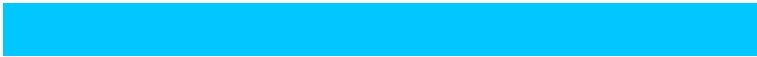
128.0000, 0.0000, 0.0000

Same Dimension

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



137.1290, 50.7154, -120.2621



145.8830, 53.7947, -127.9394



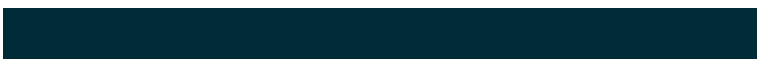
67.2760, 85.1529, -59.0011



114.6510, 2.6371, -5.8329



104.9170, 38.9879, -92.0122



32.2120, 11.7275, -28.2499

Inverse Universe

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



93.0780, 46.3035, 128.8506



98.9310, 49.3340, 136.8725



172.7240, -85.1529, 59.0011



112.6140, 2.1623, 6.4775



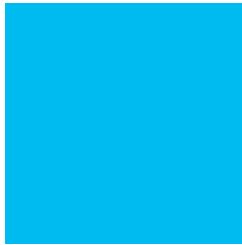
71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 137.1290, 50.7154, -120.2621 looks on a white background.

Color Contrast Check

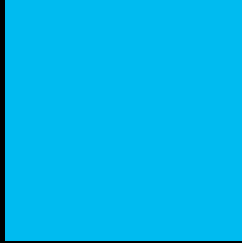
Large Text (above 18pt) WCAG AA × Fail

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 137.1290, 50.7154, -120.2621 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 137.1290, 50.7154, -120.2621 Background



This preview shows how black text looks on a background with the YUV color 137.1290, 50.7154, -120.2621.



This preview shows how white text looks on a background with the YUV color 137.1290, 50.7154, -120.2621.

-120.2621.

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

137.1290, 50.7154, -120.2621

Protanopia

172.3120, 26.9612, -14.3056

Deuteranopia

170.9610, 36.0082, -22.7678



Tritanopia

135.6010, 34.7067, -118.9221

Trichromacy



Original Color

137.1290, 50.7154, -120.2621

Protanomaly

159.3610, 35.8110, -52.9366

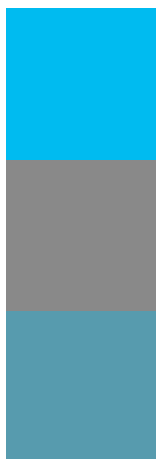
Deuteranomaly

158.5220, 41.6477, -58.3398

Tritanomaly

136.3820, 40.2377, -119.6070

Monochromacy



Original Color

137.1290, 50.7154, -120.2621

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8340, 18.3228, -43.7044

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1290, 50.7154, -120.2621 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 240) }
```

Border

The CSS property to change the border of an element to YUV 137.1290, 50.7154, -120.2621 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, 240) }
```


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

```
.border{ border-color:rgb(0, 187, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 137.1290, 50.7154, -120.2621 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, 240) }
```

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

```
.background{ background-color: rgb(0, 187,  
240) }
```

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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