

Converting Colors

YUV(137.6530, 42.5691,
-120.7217)

Have a look what the booklet for
YUV(137.6530, 42.5691, -120.7217)
contains.

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Color

**YUV(137.6530, 42.5691,
-120.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFE0
RGB	0, 191, 224
RGB Percent	0%, 75%, 88%
CMY	1.0000, 0.2510, 0.1216
CMYK	1.00, 0.15, 0.00, 0.12
HSL	189°, 100%, 44%
HSV	189°, 100%, 88%
XYZ	32.0853, 42.6434, 77.0609
YIQ	137.6530, -124.4290, -30.2290

Conversions

Conversions Part 2

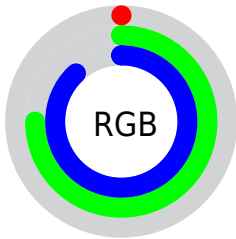
Format	Color
RYB	0, 103, 224
Decimal	49120
CIELab	71.31, -28.20, -27.69
CIELCh	71, 39.526, 224.480
Yxy	42.6434, 0.2114, 0.2809
Android (android.graphics.Color)	4278239200 (0xFF00BFE0)
YUV	137.6530, 42.5691, -120.7217
Hunter-Lab	65.3019, -26.5745, -24.2551

Details

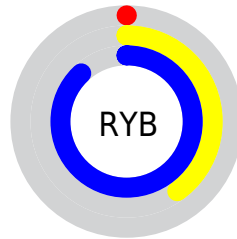
The YUV color **137.6530, 42.5691, -120.7217** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **86.3470, -42.5691, 120.7217**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9380, 23.6946, -86.7686**, and **99.6850, 34.1723, -87.4237** is the 20% darker color. If you saturate the color by 10%, you get **137.6530, 42.5691, -120.7217**, and if you desaturate by 10%, it is **145.9920, 38.4579, -108.7410**.

Distribution



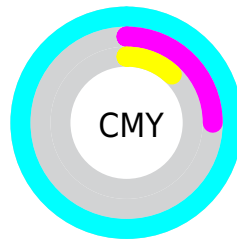
- Red (0%)
- Green (75%)
- Blue (88%)



- Red (0%)
- Yellow (40%)
- Blue (88%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6530, 42.5691, -120.7217 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 137.6530, 42.5691, -120.7217 by changing the saturation by 10% instead.

■ 137.6530, 42.5691,
-120.7217

■ 137.6530, 42.5691,
-120.7217

■ 255.0000, 0.0000,
0.0000

■ 118.6120, 38.1523,
-104.0227

■ 206.9380, 23.6946,
-86.7686

■ 99.6850, 34.1723,
-87.4237

■ 220.9140, 16.8044,
-70.0846

■ 81.3450, 29.9029,
-71.3396

■ 230.4820, 12.0874,
-50.4117

■ 64.2930, 25.4916,
-56.3850

■ 240.0500, 7.3704,
-30.7388

■ 47.4690, 21.9538,
-41.6303

■ 249.3190, 2.8007,
-11.6808

■ 31.8190, 17.8372,
-27.9053

■ 12.2880, 16.6200,

-10.7766

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 137.6530, 42.5691,
-120.7217

■ 145.9920, 38.4579,
-108.7410

■ 155.2170, 33.9100,
-96.6603

■ 163.5560, 29.7989,
-84.6796

■ 172.1940, 25.5404,
-72.0841

■ 181.1200, 21.1398,
-60.6182

■ 189.4590, 17.0287,
-48.6375

■ 198.0970, 12.7702,
-36.0421

■ 206.4360, 8.6591,
-24.0614

■ 215.6610, 4.1111,
-11.9807

Harmonies

Analogous

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



146.1170, 22.1273, -97.4496



137.6530, 42.5691, -120.7217



161.7230, 40.0696, -65.5321

Triad

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



137.6530, 42.5691, -120.7217



179.3600, 7.7105, 47.0423



170.4610, -32.7653, 9.2427

Complementary

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



137.6530, 42.5691, -120.7217



86.3470, -42.5691, 120.7217

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.



173.3980, -33.7202, 35.6080



137.6530, 42.5691, -120.7217



177.5560, -9.6411, 59.1484

Square

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



137.6530, 42.5691, -120.7217



179.1960, 23.0744, 19.1221



175.6250, -24.4651, 53.8259



165.8360, -21.6111, -21.7812

Rectangle

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



137.6530, 42.5691, -120.7217



170.5250, 37.2092, -34.6634



175.6250, -24.4651, 53.8259



171.4730, -34.2502, 18.8792

Sweetspot

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



137.6530, 42.5691, -120.7217



225.8190, 14.3862, -41.0603



134.9080, -51.7196, -118.3143



110.1370, 8.8065, -24.6761



0.0000, 0.0000, 0.0000



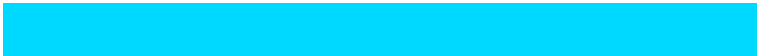
128.0000, 0.0000, 0.0000

Same Dimension

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



137.6530, 42.5691, -120.7217



156.4490, 48.5856, -137.2058



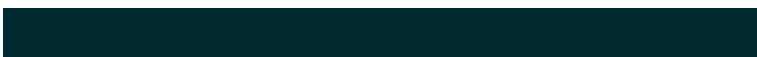
73.6700, 74.1127, -64.6086



108.1240, 1.9109, -6.2477



108.1140, 33.4678, -94.8160



29.5390, 9.1013, -25.9057

Inverse Universe

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



88.7500, 50.4093, 118.6142



100.9830, 57.1964, 135.0729



150.3300, -74.1127, 64.6086



105.4290, 2.7465, 5.7628



69.7240, 39.5761, 93.2041



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 137.6530, 42.5691, -120.7217 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 137.6530, 42.5691, -120.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

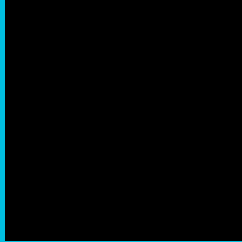
Any Text WCAG AA ✓ Pass

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 137.6530, 42.5691, -120.7217 Background



This preview shows how black text looks on a background with the YUV color 137.6530, 42.5691, -120.7217.



This preview shows how white text looks on a background with the YUV color 137.6530, 42.5691, -120.7217.

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

174.2390, 17.6302, -8.1026

Deuteranopia

174.3230, 26.9558, -12.5613

Tritanopia

137.0030, 35.0015, -120.1516

Trichromacy



Protanomaly

160.9780, 26.6328, -49.0927

Deuteranomaly

160.8620, 32.6060, -51.6220

Tritanomaly

137.1000, 37.9117, -120.2367

Monochromacy



Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7370, 15.4127, -43.6193

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6530, 42.5691, -120.7217 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, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 224)  
}
```

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, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 224) }
```

Border

The CSS property to change the border of an element to YUV 137.6530, 42.5691, -120.7217 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, 191, 224) }
```

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

```
.border{ border-color:rgb(0, 191, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
224) }
```


Background

The CSS property to change the background color of an element to YUV 137.6530, 42.5691, -120.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 224) }
```

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

```
.background{ background-color: rgb(0, 191,  
224) }
```

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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