

Converting Colors

YUV(137.3070, 44.2186,
-89.7232)

Have a look what the booklet for
YUV(137.3070, 44.2186, -89.7232)
contains.

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Color

**YUV(137.3070, 44.2186,
-89.7232)**

Conversions

Conversions Part 1

Format	Color
Hex	23ACE3
RGB	35, 172, 227
RGB Percent	14%, 67%, 89%
CMY	0.8627, 0.3255, 0.1098
CMYK	0.85, 0.24, 0.00, 0.11
HSL	197°, 77%, 51%
HSV	197°, 85%, 89%
XYZ	29.3108, 35.4084, 77.9627
YIQ	137.3070, -99.3070, -11.9390

Conversions

Conversions Part 2

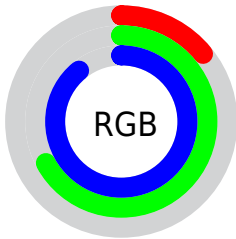
Format	Color
RYB	35, 115, 227
Decimal	2338019
CIELab	66.07, -15.93, -37.43
CIELCh	66, 40.680, 246.954
Yxy	35.4084, 0.2054, 0.2482
Android (android.graphics.Color)	4280528099 (0xFF23ACE3)
YUV	137.3070, 44.2186, -89.7232
Hunter-Lab	59.5050, -16.2087, -36.0276

Details

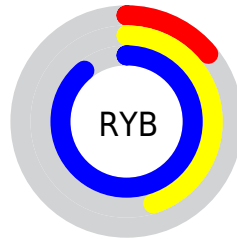
The YUV color **137.3070, 44.2186, -89.7232** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **124.6930, -44.2186, 89.7232**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7040, 28.7399, -71.6544**, and **89.9340, 39.9655, -78.8721** is the 20% darker color. If you saturate the color by 10%, you get **126.3210, 49.6347, -100.2595**, and if you desaturate by 10%, it is **148.2930, 38.8026, -79.1870**.

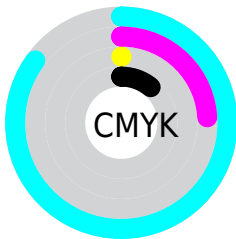
Distribution



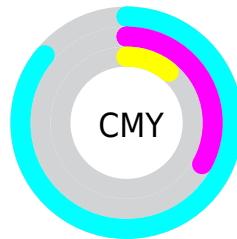
- Red (14%)
- Green (67%)
- Blue (89%)



- Red (14%)
- Yellow (45%)
- Blue (89%)



- Cyan (85%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3070, 44.2186, -89.7232 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 137.3070, 44.2186, -89.7232 by changing the saturation by 10% instead.

■ 137.3070, 44.2186,
-89.7232

■ 137.3070, 44.2186,
-89.7232

■ 255.0000, 0.0000,
0.0000

■ 107.8010, 44.9611,
-94.5415

■ 196.7040, 28.7399,
-71.6544

■ 89.9340, 39.9655,
-78.8721

■ 222.7080, 15.9200,
-66.3959

■ 72.2950, 35.8436,
-63.4027

■ 231.9770, 11.3503,
-47.3378

■ 55.2430, 31.4322,
-48.4481

■ 241.5450, 6.6333,
-27.6650

■ 39.4790, 26.8789,
-34.6231

■ 250.8140, 2.0637,
-8.6069

■ 25.0030, 22.1835,
-21.9276

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 137.3070, 44.2186,
-89.7232

■ 137.3070, 44.2186,
-89.7232

■ 126.3210, 49.6347,
-100.2595

■ 148.2930, 38.8026,
-79.1870

■ 120.9720, 52.2718,
-106.0924

■ 158.3930, 33.8233,
-68.7507

■ 169.3790, 28.4072,
-58.2144

■ 179.7780, 23.2804,
-47.1633

■ 190.4650, 18.0118,
-37.2418

■ 200.8640, 12.8850,
-26.1907

■ 211.8500, 7.4690,
-15.6544

■ 222.2490, 2.3422,
-4.6034

■ 232.9360, -2.9264,
5.3181

Harmonies

Analogous

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



127.6280, 37.1584, -111.9298



137.3070, 44.2186, -89.7232



156.6500, 37.6405, -33.0191

Triad

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



137.3070, 44.2186, -89.7232



163.1090, -4.9837, 58.6634



152.5550, -25.4166, -14.5187

Complementary

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



137.3070, 44.2186, -89.7232



124.6930, -44.2186, 89.7232

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.



156.7500, -34.3867, 16.0053



137.3070, 44.2186, -89.7232



161.7440, -21.5658, 57.2295

Square

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



137.3070, 44.2186, -89.7232



165.1790, 12.2368, 41.9390



160.0720, -32.5735, 41.1559



145.7430, -7.2683, -48.8866

Rectangle

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



137.3070, 44.2186, -89.7232



162.5290, 31.2912, -3.0949



160.0720, -32.5735, 41.1559



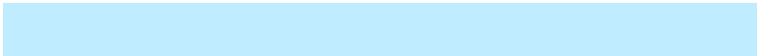
154.1820, -29.6697, -3.6676

Sweetspot

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



137.3070, 44.2186, -89.7232



225.2980, 14.6431, -30.0793



153.8600, -31.9760, -104.2402



109.8820, 8.9322, -18.3135



0.0000, 0.0000, 0.0000



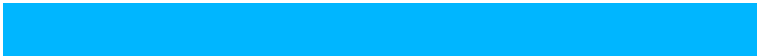
128.0000, 0.0000, 0.0000

Same Dimension

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



137.3070, 44.2186, -89.7232



135.9040, 58.7143, -119.1878



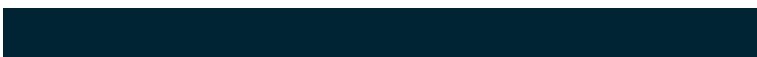
81.5420, 71.7108, -40.8173



109.0640, 2.9264, -5.3181



94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Inverse Universe

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



108.0260, 31.5392, 104.3402



96.9930, 41.9085, 138.5721



180.4580, -71.7108, 40.8173



107.5000, 1.7255, 6.5775



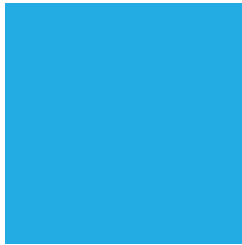
67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 137.3070, 44.2186, -89.7232 looks on a white background.

Color Contrast Check

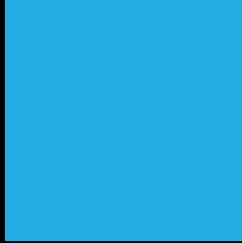
Large Text (above 18pt) WCAG AA × Fail

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 137.3070, 44.2186, -89.7232 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

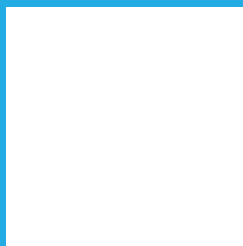
Any Text WCAG AAA ✓ Pass

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

YUV 137.3070, 44.2186, -89.7232 Background



This preview shows how black text looks on a background with the YUV color 137.3070, 44.2186, -89.7232.

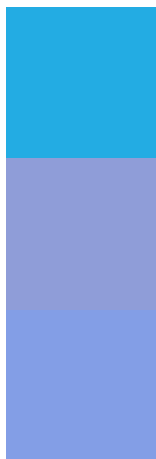


This preview shows how white text looks on a background with the YUV color 137.3070, 44.2186, -89.7232.

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

137.3070, 44.2186, -89.7232

Protanopia

159.5400, 27.8348, -14.5056

Deuteranopia

158.1350, 35.4294, -23.7974



Tritanopia

125.6730, 32.2062, -110.2152

Trichromacy



Original Color

137.3070, 44.2186, -89.7232

Protanomaly

151.2700, 33.8839, -41.4558

Deuteranomaly

150.4910, 38.7049, -47.7886

Tritanomaly

129.8680, 36.5471, -102.4932

Monochromacy



Original Color

137.3070, 44.2186, -89.7232

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.3300, 16.1063, -32.7384

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3070, 44.2186, -89.7232 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(35, 172, 227)` looks like.

```
.text, #text, p{  
    color:rgb(35, 172, 227)  
}
```

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(35, 172, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 172, 227) }
```

Border

The CSS property to change the border of an element to YUV 137.3070, 44.2186, -89.7232 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(35, 172, 227) }
```


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

```
.border{ border-color:rgb(35, 172, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 172, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 172, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 172, 227);  
box-shadow:4px 4px 4px 4px rgb(35, 172,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 137.3070, 44.2186, -89.7232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 172, 227) }
```

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

```
.background{ background-color: rgb(35, 172,  
227) }
```

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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