

Converting Colors

YUV(154.7730, 37.0869,
-135.7359)

Have a look what the booklet for
YUV(154.7730, 37.0869, -135.7359)
contains.

YUV(154.7730, 37.0869, -135.7359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.7730, 37.0869,
-135.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	00DBE6
RGB	0, 219, 230
RGB Percent	0%, 86%, 90%
CMY	1.0000, 0.1412, 0.0980
CMYK	1.00, 0.05, 0.00, 0.10
HSL	183°, 100%, 45%
HSV	183°, 100%, 90%
XYZ	39.6144, 56.3762, 83.6567
YIQ	154.7730, -134.0550, -43.0070

Conversions

Conversions Part 2

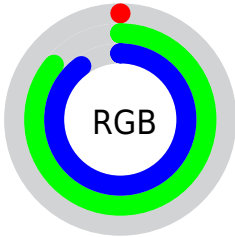
Format	Color
RYB	0, 112, 230
Decimal	56294
CIELab	79.83, -39.56, -17.96
CIELCh	80, 43.448, 204.416
Yxy	56.3762, 0.2205, 0.3138
Android (android.graphics.Color)	4278246374 (0xFF00DBE6)
YUV	154.7730, 37.0869, -135.7359
Hunter-Lab	75.0841, -37.2204, -13.5005

Details

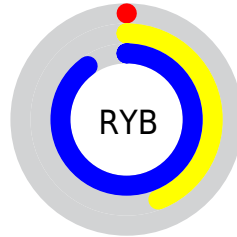
The YUV color **154.7730, 37.0869, -135.7359** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **75.2270, -37.0869, 135.7359**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **115.6310, 29.2689, -101.4084** is the 20% darker color. If you saturate the color by 10%, you get **154.7730, 37.0869, -135.7359**, and if you desaturate by 10%, it is **162.2370, 33.4072, -122.1108**.

Distribution



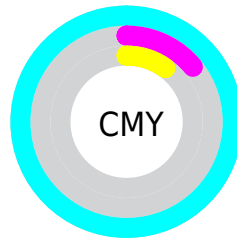
- Red (0%)
- Green (86%)
- Blue (90%)



- Red (0%)
- Yellow (44%)
- Blue (90%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7730, 37.0869, -135.7359 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 154.7730, 37.0869, -135.7359 by changing the saturation by 10% instead.

154.7730, 37.0869,
-135.7359

154.7730, 37.0869,
-135.7359

255.0000, 0.0000,
0.0000

135.1450, 32.9595,
-118.5222

212.2430, 21.0792,
-87.9131

115.6310, 29.2689,
-101.4084

222.7080, 15.9200,
-66.3959

97.2910, 24.9995,
-85.3242

232.2760, 11.2029,
-46.7231

79.0650, 21.1670,
-69.3400

241.8440, 6.4859,
-27.0502

60.9530, 17.7712,
-53.4558

251.4120, 1.7689,
-7.3773

44.2430, 14.6702,
-38.8011

29.2940, 10.7011,

-25.6908

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 154.7730, 37.0869,
-135.7359

■ 162.2370, 33.4072,
-122.1108

■ 169.7010, 29.7274,
-108.4858

■ 177.1650, 26.0477,
-94.8607

■ 184.6290, 22.3679,
-81.2356

■ 192.6800, 18.3988,
-68.1254

■ 200.1440, 14.7190,
-54.5003

■ 207.6080, 11.0393,
-40.8752

■ 215.0720, 7.3595,
-27.2501

■ 222.5360, 3.6798,
-13.6251

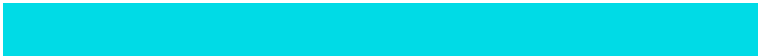
Harmonies

Analogous

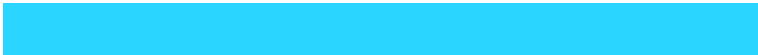
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.1120, 6.3538, -78.1512



154.7730, 37.0869, -135.7359



167.2460, 43.2627, -109.8407

Triad

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



154.7730, 37.0869, -135.7359



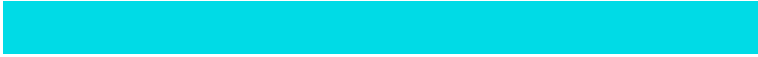
203.7140, 20.8470, 33.5768



195.6980, -38.7981, 30.9599

Complementary

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



154.7730, 37.0869, -135.7359



75.2270, -37.0869, 135.7359

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.



196.4800, -31.2956, 51.3220



154.7730, 37.0869, -135.7359



197.8720, 4.5001, 50.1013

Square

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



154.7730, 37.0869, -135.7359



197.7090, 28.2445, -5.8838



193.7850, -13.6980, 53.6856



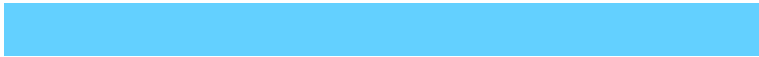
192.0530, -34.0431, -0.9235

Rectangle

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



154.7730, 37.0869, -135.7359



180.7670, 36.5969, -71.7097



193.7850, -13.6980, 53.6856



196.6930, -37.8096, 40.6112

Sweetspot

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



154.7730, 37.0869, -135.7359



229.9280, 12.3605, -44.6639



135.9220, -63.0655, -119.2036



112.4850, 7.6489, -26.7353



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.



154.7730, 37.0869, -135.7359



171.7110, 41.0615, -150.5905



89.0290, 69.4987, -78.0784



110.8250, 2.0583, -6.8625



120.1960, 28.9904, -105.4119



34.5770, 8.0965, -30.3240

Inverse Universe

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



93.7360, 61.7552, 119.5035



103.9470, 68.5531, 132.4735



140.9710, -69.4987, 78.0784



107.8420, 3.0359, 6.2776



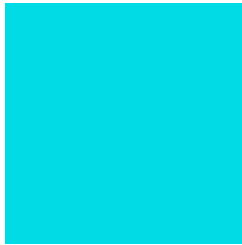
72.9010, 47.8698, 93.0488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 154.7730, 37.0869, -135.7359 looks on a white background.

Color Contrast Check

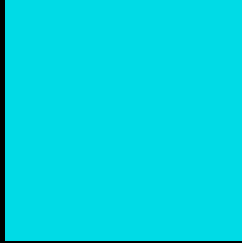
Large Text (above 18pt) WCAG AA × Fail

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 154.7730, 37.0869, -135.7359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

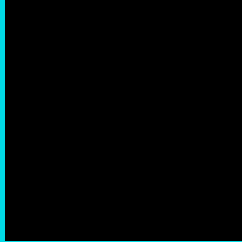
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

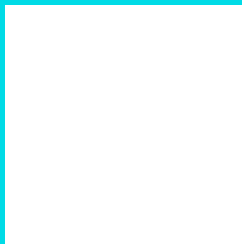
Any Text WCAG AAA ✓ Pass

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

YUV 154.7730, 37.0869, -135.7359 Background



This preview shows how black text looks on a background with the YUV color 154.7730, 37.0869, -135.7359.

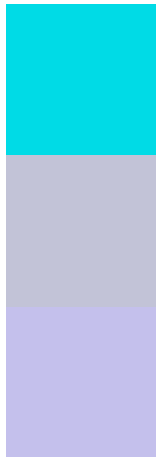


This preview shows how white text looks on a background with the YUV color 154.7730, 37.0869, -135.7359.

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

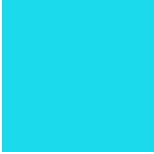
154.7730, 37.0869, -135.7359

Protanopia

196.9810, 8.8834, -2.6143

Deuteranopia

198.2120, 18.6295, -1.9399



Tritanopia

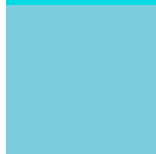
162.6440, 36.1645, -119.8368

Trichromacy



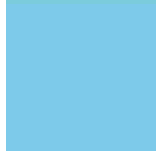
Original Color

154.7730, 37.0869, -135.7359



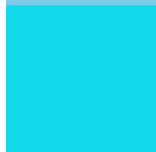
Protanomaly

181.6050, 18.9287, -51.3966



Deuteranomaly

182.6250, 25.3279, -50.5371



Tritanomaly

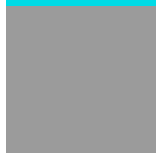
159.7250, 36.6176, -125.1698

Monochromacy



Original Color

154.7730, 37.0869, -135.7359



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.8350, 13.3923, -48.9673

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7730, 37.0869, -135.7359 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, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 230)  
}
```

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, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 230) }
```

Border

The CSS property to change the border of an element to YUV 154.7730, 37.0869, -135.7359 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, 219, 230) }
```


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

```
.border{ border-color:rgb(0, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 154.7730, 37.0869, -135.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 230) }
```

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

```
.background{ background-color: rgb(0, 219,  
230) }
```

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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