

Converting Colors

YUV(156.8420, 42.4759,
-137.5504)

Have a look what the booklet for
YUV(156.8420, 42.4759, -137.5504)
contains.

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Color

**YUV(156.8420, 42.4759,
-137.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCF3
RGB	0, 220, 243
RGB Percent	0%, 86%, 95%
CMY	1.0000, 0.1373, 0.0471
CMYK	1.00, 0.09, 0.00, 0.05
HSL	186°, 100%, 48%
HSV	186°, 100%, 95%
XYZ	41.7709, 57.6575, 93.7215
YIQ	156.8420, -138.5030, -39.4870

Conversions

Conversions Part 2

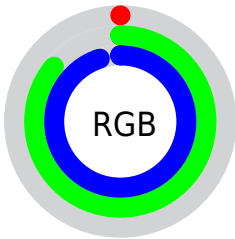
Format	Color
RYB	0, 115, 243
Decimal	56563
CIELab	80.55, -36.01, -23.79
CIElCh	81, 43.158, 213.447
Yxy	57.6575, 0.2163, 0.2985
Android (android.graphics.Color)	4278246643 (0xFF00DCF3)
YUV	156.8420, 42.4759, -137.5504
Hunter-Lab	75.9325, -34.6881, -20.0273

Details

The YUV color **156.8420, 42.4759, -137.5504** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **86.1580, -42.4759, 137.5504**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **117.5860, 34.2211, -103.1229** is the 20% darker color. If you saturate the color by 10%, you get **156.8420, 42.4759, -137.5504**, and if you desaturate by 10%, it is **165.1920, 38.3593, -123.8254**.

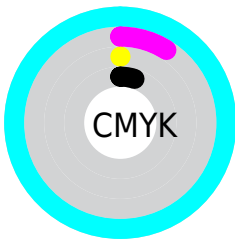
Distribution



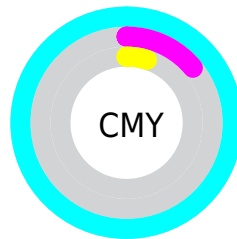
- Red (0%)
- Green (86%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8420, 42.4759, -137.5504 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 156.8420, 42.4759, -137.5504 by changing the saturation by 10% instead.

156.8420, 42.4759,
-137.5504

156.8420, 42.4759,
-137.5504

255.0000, 0.0000,
0.0000

137.2140, 38.3485,
-120.3367

212.8410, 20.7844,
-86.6836

117.5860, 34.2211,
-103.1229

223.3060, 15.6251,
-65.1664

99.2460, 29.9517,
-87.0387

233.1730, 10.7607,
-44.8787

81.0200, 26.1191,
-71.0545

242.7410, 6.0437,
-25.2059

63.3810, 21.9972,
-55.5851

252.3090, 1.3267,
-5.5330

46.5570, 18.4594,
-40.8305

31.0210, 14.7796,

-27.2054

■ 7.9680, 15.2988,
-6.9879

■ 2.5250, 7.1362,
-2.2144

■ 156.8420, 42.4759,
-137.5504

■ 165.1920, 38.3593,
-123.8254

■ 174.4280, 33.8060,
-110.0004

■ 182.7780, 29.6894,
-96.2753

■ 191.1280, 25.5729,
-82.5503

■ 200.0650, 21.1670,
-69.3400

■ 208.7140, 16.9030,
-55.0002

■ 217.0640, 12.7864,
-41.2751

■ 225.4140, 8.6699,
-27.5501

■ 234.6500, 4.1166,
-13.7250

Harmonies

Analogous

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



174.3970, 14.1013, -89.8022



156.8420, 42.4759, -137.5504



176.8140, 38.5457, -90.1679

Triad

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



156.8420, 42.4759, -137.5504



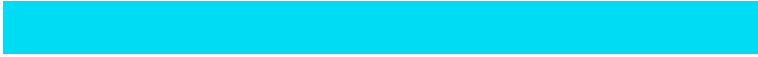
205.4010, 15.5783, 43.4983



196.6430, -38.7710, 22.2381

Complementary

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



156.8420, 42.4759, -137.5504



86.1580, -42.4759, 137.5504

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.



199.5460, -34.7792, 48.6332



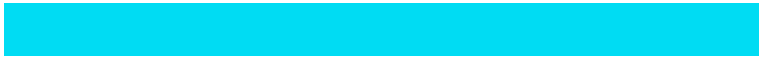
156.8420, 42.4759, -137.5504



197.3190, -0.1573, 50.5862

Square

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



156.8420, 42.4759, -137.5504



202.5150, 25.8751, 7.4413



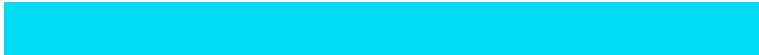
195.6940, -19.0761, 52.0114



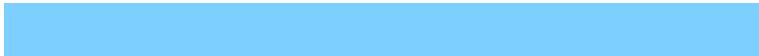
192.3120, -30.2268, -11.6746

Rectangle

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



156.8420, 42.4759, -137.5504



187.9540, 33.0537, -55.2107



195.6940, -19.0761, 52.0114



197.4100, -38.6561, 32.0894

Sweetspot

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



156.8420, 42.4759, -137.5504



228.1670, 13.2287, -43.1195



144.9210, -61.5861, -127.0957



111.3110, 8.2277, -25.7057



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.



156.8420, 42.4759, -137.5504



164.6670, 44.5342, -144.4130



86.9890, 76.9134, -76.2894



117.8250, 2.0583, -6.8625



120.4070, 32.3373, -105.5969



37.8370, 10.4334, -33.1830

Inverse Universe

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



97.7370, 60.2757, 127.3957



102.5790, 63.3116, 133.6732



156.0110, -76.9134, 76.2894



114.8420, 3.0359, 6.2776



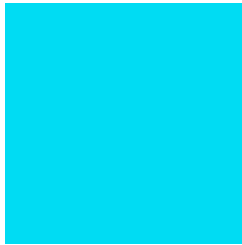
74.8800, 46.4012, 97.4522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 156.8420, 42.4759, -137.5504 looks on a white background.

Color Contrast Check

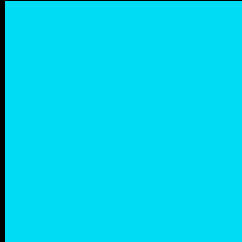
Large Text (above 18pt) WCAG AA × Fail

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 156.8420, 42.4759, -137.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

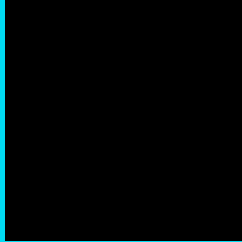
Any Text WCAG AA ✓ Pass

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 156.8420, 42.4759, -137.5504 Background



This preview shows how black text looks on a background with the YUV color 156.8420, 42.4759, -137.5504.



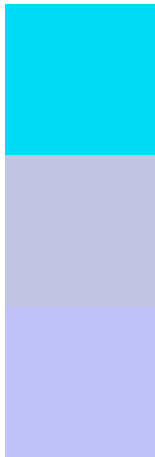
This preview shows how white text looks on a background with the YUV color 156.8420, 42.4759, -137.5504.

-137.5504.

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

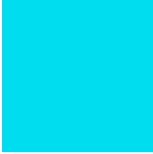
156.8420, 42.4759, -137.5504

Protanopia

199.2240, 13.6936, -5.4584

Deuteranopia

199.6720, 24.3187, -6.7283



Tritanopia

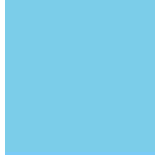
156.8590, 40.0025, -137.5653

Trichromacy



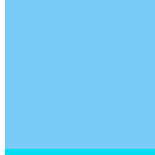
Original Color

156.8420, 42.4759, -137.5504



Protanomaly

183.6740, 24.3177, -53.2111



Deuteranomaly

183.7970, 31.1591, -54.1960



Tritanomaly

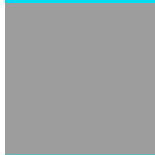
157.0870, 40.8761, -137.7653

Monochromacy



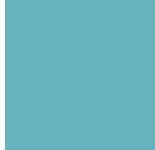
Original Color

156.8420, 42.4759, -137.5504



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.9920, 15.2869, -49.9820

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8420, 42.4759, -137.5504 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, 220, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 243)  
}
```

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, 220, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 243) }
```

Border

The CSS property to change the border of an element to YUV 156.8420, 42.4759, -137.5504 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, 220, 243) }
```


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

```
.border{ border-color:rgb(0, 220, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 156.8420, 42.4759, -137.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 243) }
```

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

```
.background{ background-color: rgb(0, 220,  
243) }
```

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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