

Converting Colors

YUV(156.1580, 39.8551,
-136.9506)

Have a look what the booklet for
YUV(156.1580, 39.8551, -136.9506)
contains.

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Color

**YUV(156.1580, 39.8551,
-136.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCED
RGB	0, 220, 237
RGB Percent	0%, 86%, 93%
CMY	1.0000, 0.1373, 0.0706
CMYK	1.00, 0.07, 0.00, 0.07
HSL	184°, 100%, 46%
HSV	184°, 100%, 93%
XYZ	40.8793, 57.3008, 89.0264
YIQ	156.1580, -136.5770, -41.3530

Conversions

Conversions Part 2

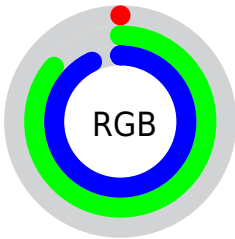
Format	Color
RYB	0, 114, 237
Decimal	56557
CIELab	80.35, -37.88, -20.90
CIELCh	80, 43.259, 208.890
Yxy	57.3008, 0.2184, 0.3061
Android (android.graphics.Color)	4278246637 (0xFF00DCED)
YUV	156.1580, 39.8551, -136.9506
Hunter-Lab	75.6973, -36.0739, -16.7419

Details

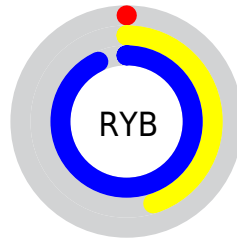
The YUV color **156.1580, 39.8551, -136.9506** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **80.8420, -39.8551, 136.9506**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **116.9020, 31.6003, -102.5231** is the 20% darker color. If you saturate the color by 10%, you get **156.1580, 39.8551, -136.9506**, and if you desaturate by 10%, it is **164.5080, 35.7386, -123.2255**.

Distribution



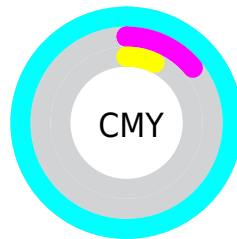
- Red (0%)
- Green (86%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1580, 39.8551, -136.9506 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 156.1580, 39.8551, -136.9506 by changing the saturation by 10% instead.

156.1580, 39.8551,
-136.9506

156.1580, 39.8551,
-136.9506

255.0000, 0.0000,
0.0000

136.5300, 35.7277,
-119.7368

212.8410, 20.7844,
-86.6836

116.9020, 31.6003,
-102.5231

223.0070, 15.7725,
-65.7811

98.5620, 27.3309,
-86.4389

232.8740, 10.9081,
-45.4935

80.3360, 23.4984,
-70.4547

242.4420, 6.1911,
-25.8206

62.2240, 20.1026,
-54.5704

252.0100, 1.4741,
-6.1478

45.4000, 16.5648,
-39.8158

30.4510, 12.5957,

-26.7055

■ 6.9250, 13.8410,
-6.0732

■ 1.1400, 4.3680,
-0.9998

■ 156.1580, 39.8551,
-136.9506

■ 164.5080, 35.7386,
-123.2255

■ 171.9720, 32.0588,
-109.6004

■ 180.3220, 27.9423,
-95.8754

■ 188.6720, 23.8257,
-82.1503

■ 196.7230, 19.8566,
-69.0401

■ 204.4860, 16.0294,
-54.8002

■ 212.8360, 11.9129,
-41.0752

■ 221.1860, 7.7963,
-27.3501

■ 228.6500, 4.1165,
-13.7251

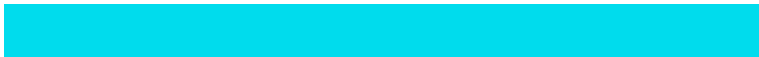
Harmonies

Analogous

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



176.2900, 9.7170, -83.5693



156.1580, 39.8551, -136.9506



172.6280, 40.6094, -98.7748

Triad

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



156.1580, 39.8551, -136.9506



204.7640, 18.3573, 38.7950



196.3770, -38.6399, 26.8564

Complementary

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



156.1580, 39.8551, -136.9506



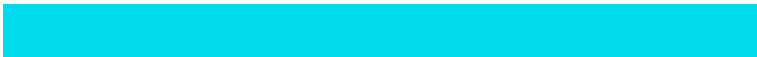
80.8420, -39.8551, 136.9506

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.



198.0130, -33.0374, 49.9776



156.1580, 39.8551, -136.9506



197.8890, 2.0267, 50.0863

Square

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



156.1580, 39.8551, -136.9506



200.4110, 26.9124, 1.3936



195.0900, -16.3134, 52.5411



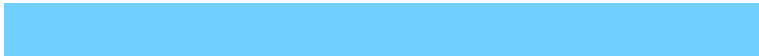
192.4760, -32.2797, -6.5565

Rectangle

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



156.1580, 39.8551, -136.9506



184.9530, 34.5332, -63.1028



195.0900, -16.3134, 52.5411



197.8450, -38.3776, 36.0929

Sweetspot

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



156.1580, 39.8551, -136.9506



229.3410, 12.6499, -44.1491



140.9430, -61.5969, -123.6070



111.8980, 7.9383, -26.2205



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.



156.1580, 39.8551, -136.9506



168.1890, 42.7978, -147.5018



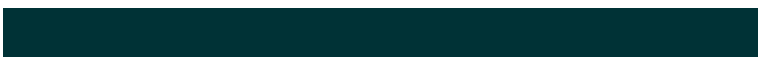
87.4790, 73.7139, -76.7191



113.1240, 1.9109, -6.2477



119.2500, 30.4428, -104.5823



35.5060, 9.1175, -31.1388

Inverse Universe

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



95.9430, 61.1601, 123.7070



103.2630, 65.9323, 133.0733



149.5210, -73.7139, 76.7191



110.4290, 2.7465, 5.7628



73.2710, 46.7014, 94.4783



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 156.1580, 39.8551, -136.9506 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 156.1580, 39.8551, -136.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

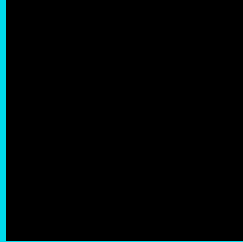
Any Text WCAG AA ✓ Pass

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 156.1580, 39.8551, -136.9506 Background



This preview shows how black text looks on a background with the YUV color 156.1580, 39.8551, -136.9506.



This preview shows how white text looks on a background with the YUV color 156.1580, 39.8551, -136.9506.

-136.9506.

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

198.2520, 11.2148, -3.7290

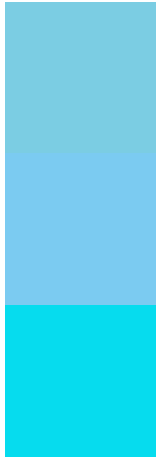
Deuteranopia

199.5860, 21.4031, -4.8989

Tritanopia

159.2620, 38.8178, -130.9028

Trichromacy



Protanomaly

182.9900, 21.6969, -52.6112

Deuteranomaly

183.4120, 28.3909, -52.9813

Tritanomaly

158.0660, 39.4075, -133.3619

Monochromacy



Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7640, 14.4133, -49.7820

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1580, 39.8551, -136.9506 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 237) }
```

Border

The CSS property to change the border of an element to YUV 156.1580, 39.8551, -136.9506 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, 237) }
```

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

```
.border{ border-color:rgb(0, 220, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
237) }
```


Background

The CSS property to change the background color of an element to YUV 156.1580, 39.8551, -136.9506 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, 237) }
```

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

```
.background{ background-color: rgb(0, 220,  
237) }
```

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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