

Converting Colors

YUV(155.1950, 43.7809,
-136.1060)

Have a look what the booklet for
YUV(155.1950, 43.7809, -136.1060)
contains.

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Color

**YUV(155.1950, 43.7809,
-136.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	00D9F4
RGB	0, 217, 244
RGB Percent	0%, 85%, 96%
CMY	1.0000, 0.1490, 0.0431
CMYK	1.00, 0.11, 0.00, 0.04
HSL	187°, 100%, 48%
HSV	187°, 100%, 96%
XYZ	41.1420, 56.1574, 94.2590
YIQ	155.1950, -137.9990, -37.6070

Conversions

Conversions Part 2

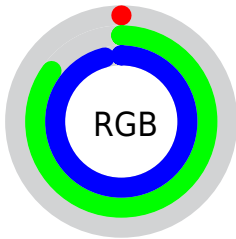
Format	Color
RYB	0, 115, 244
Decimal	55796
CIELab	79.70, -34.29, -25.61
CIELCh	80, 42.794, 216.753
Yxy	56.1574, 0.2148, 0.2932
Android (android.graphics.Color)	4278245876 (0xFF00D9F4)
YUV	155.1950, 43.7809, -136.1060
Hunter-Lab	74.9382, -33.1432, -22.1196

Details

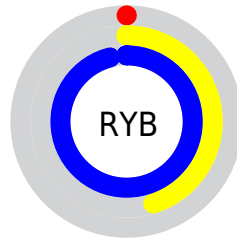
The YUV color **155.1950, 43.7809, -136.1060** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **88.8050, -43.7809, 136.1060**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **116.5260, 35.2367, -102.1933** is the 20% darker color. If you saturate the color by 10%, you get **155.1950, 43.7809, -136.1060**, and if you desaturate by 10%, it is **164.1320, 39.3749, -122.8958**.

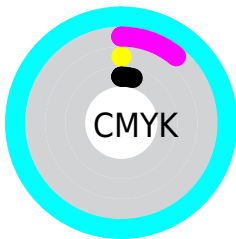
Distribution



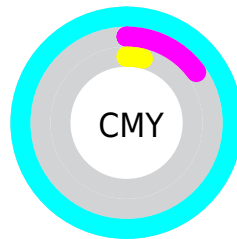
- Red (0%)
- Green (85%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.1950, 43.7809, -136.1060 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 155.1950, 43.7809, -136.1060 by changing the saturation by 10% instead.

155.1950, 43.7809,
-136.1060

155.1950, 43.7809,
-136.1060

255.0000, 0.0000,
0.0000

135.5670, 39.6535,
-118.8923

212.8410, 20.7844,
-86.6836

116.5260, 35.2367,
-102.1933

223.3060, 15.6251,
-65.1664

97.5990, 31.2567,
-85.5943

233.1730, 10.7607,
-44.8787

79.2590, 26.9873,
-69.5101

242.7410, 6.0437,
-25.2059

61.7340, 23.3021,
-54.1407

252.3090, 1.3267,
-5.5330

44.9100, 19.7644,
-39.3861

29.8470, 15.3584,

-26.1758

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 155.1950, 43.7809,
-136.1060

■ 164.1320, 39.3749,
-122.8958

■ 172.7810, 35.1110,
-108.5559

■ 181.7180, 30.7050,
-95.3457

■ 190.9540, 26.1517,
-81.5207

■ 199.8910, 21.7457,
-68.3104

■ 208.2410, 17.6292,
-54.5854

■ 217.4770, 13.0758,
-40.7603

■ 226.4140, 8.6699,
-27.5501

■ 235.0630, 4.4059,
-13.2103

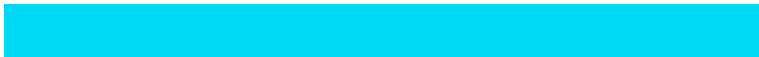
Harmonies

Analogous

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



171.1730, 17.1697, -93.9907



155.1950, 43.7809, -136.1060



176.8580, 38.5240, -83.1905

Triad

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



155.1950, 43.7809, -136.1060



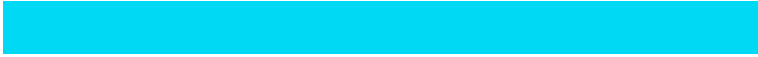
202.8420, 13.3889, 45.7426



193.8490, -37.8866, 18.5494

Complementary

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



155.1950, 43.7809, -136.1060



88.8050, -43.7809, 136.1060

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.



197.0080, -35.4999, 46.4740



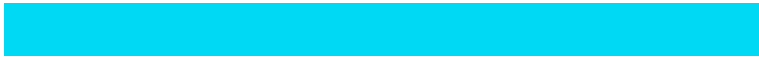
155.1950, 43.7809, -136.1060



195.3470, -2.6361, 52.3157

Square

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



155.1950, 43.7809, -136.1060



201.0640, 26.5904, 11.3449



194.5370, -20.9707, 53.0261



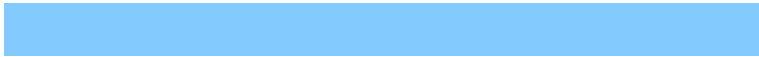
189.1590, -28.1794, -15.0484

Rectangle

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



155.1950, 43.7809, -136.1060



187.4000, 33.3268, -49.4628



194.5370, -20.9707, 53.0261



195.3880, -38.6453, 28.6007

Sweetspot

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



155.1950, 43.7809, -136.1060



227.5800, 13.5181, -42.6047



145.9640, -60.1283, -128.0104



110.7240, 8.5171, -25.1909



0.0000, 0.0000, 0.0000



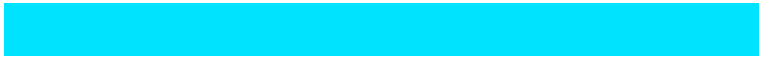
128.0000, 0.0000, 0.0000

Same Dimension

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



155.1950, 43.7809, -136.1060



162.3190, 45.6917, -142.3538



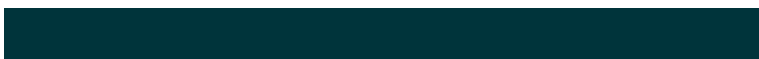
85.3420, 78.2184, -74.8449



117.8250, 2.0583, -6.8625



118.6460, 33.2055, -104.0525



37.2500, 10.7227, -32.6683

Inverse Universe

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



97.6940, 58.8179, 128.3104



102.1230, 61.5644, 134.0731



158.6580, -78.2184, 74.8449



114.8420, 3.0359, 6.2776



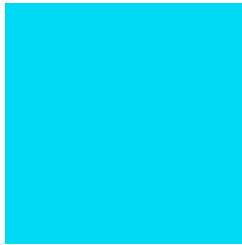
74.5380, 45.0908, 97.7522



23.5690, 14.0165, 31.0730

Previews

White Background



This preview shows how the YUV color 155.1950, 43.7809, -136.1060 looks on a white background.

Color Contrast Check

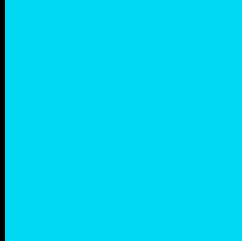
Large Text (above 18pt) WCAG AA × Fail

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 155.1950, 43.7809, -136.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

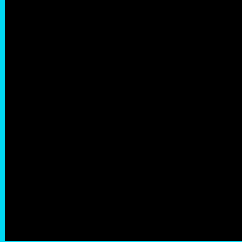
Any Text WCAG AA ✓ Pass

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 155.1950, 43.7809, -136.1060 Background



This preview shows how black text looks on a background with the YUV color 155.1950, 43.7809, -136.1060.



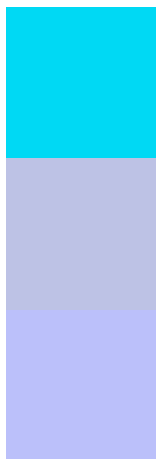
This preview shows how white text looks on a background with the YUV color 155.1950, 43.7809, -136.1060.

-136.1060.

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

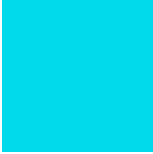
155.1950, 43.7809, -136.1060

Protanopia

196.4950, 16.0250, -6.5731

Deuteranopia

197.1170, 26.0713, -8.8726



Tritanopia

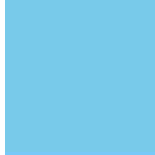
154.7560, 39.5603, -135.7210

Trichromacy



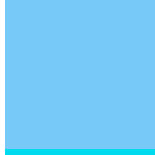
Original Color

155.1950, 43.7809, -136.1060



Protanomaly

181.1300, 26.0649, -53.6110



Deuteranomaly

181.8400, 32.6169, -55.1107



Tritanomaly

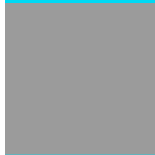
155.0980, 40.8707, -136.0209

Monochromacy



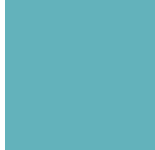
Original Color

155.1950, 43.7809, -136.1060



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.4050, 15.5763, -49.4672

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.1950, 43.7809, -136.1060 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, 217, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 244)  
}
```

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, 217, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 244) }
```

Border

The CSS property to change the border of an element to YUV 155.1950, 43.7809, -136.1060 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, 217, 244) }
```


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

```
.border{ border-color:rgb(0, 217, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 155.1950, 43.7809, -136.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 244) }
```

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

```
.background{ background-color: rgb(0, 217,  
244) }
```

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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