

Converting Colors

YUV(175.2970, 39.2936,
-96.7305)

Have a look what the booklet for
YUV(175.2970, 39.2936, -96.7305)
contains.

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Color

**YUV(175.2970, 39.2936,
-96.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	41D8FF
RGB	65, 216, 255
RGB Percent	25%, 85%, 100%
CMY	0.7451, 0.1529, 0.0000
CMYK	0.75, 0.15, 0.00, 0.00
HSL	192°, 100%, 63%
HSV	192°, 75%, 100%
XYZ	44.7858, 57.4556, 103.3373
YIQ	175.2970, -102.5150, -19.8830

Conversions

Conversions Part 2

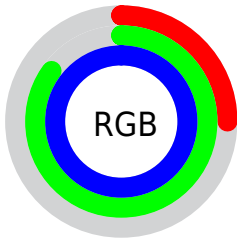
Format	Color
R _{YB}	65, 149, 255
Decimal	4315391
CIE Lab	80.44, -26.59, -30.28
CIE LCh	80, 40.296, 228.710
Yxy	57.4556, 0.2179, 0.2795
Android (android.graphics.Color)	4282505471 (0xFF41D8FF)
YUV	175.2970, 39.2936, -96.7305
Hunter-Lab	75.7994, -27.1829, -27.7704

Details

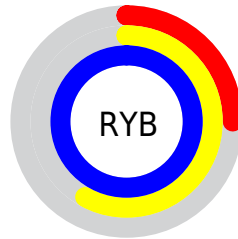
The YUV color **175.2970, 39.2936, -96.7305** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **144.7030, -39.2936, 96.7305**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **117.0790, 39.8941, -102.6783** is the 20% darker color. If you saturate the color by 10%, you get **164.5880, 44.5731, -110.1407**, and if you desaturate by 10%, it is **185.7070, 34.1614, -83.9350**.

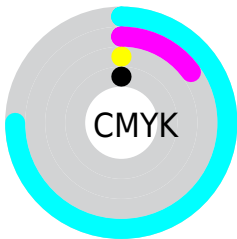
Distribution



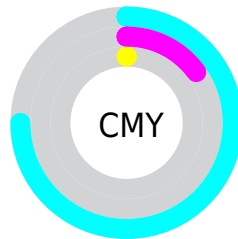
- Red (25%)
- Green (85%)
- Blue (100%)



- Red (25%)
- Yellow (58%)
- Blue (100%)



- Cyan (75%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2970, 39.2936, -96.7305 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 175.2970, 39.2936, -96.7305 by changing the saturation by 10% instead.

175.2970, 39.2936,
-96.7305

175.2970, 39.2936,
-96.7305

255.0000, 0.0000,
0.0000

136.1200, 44.3108,
-119.3772

220.0170, 17.2466,
-71.9289

117.0790, 39.8941,
-102.6783

229.5850, 12.5296,
-52.2560

98.7390, 35.6247,
-86.5941

239.1530, 7.8126,
-32.5832

80.3990, 31.3553,
-70.5099

248.7210, 3.0955,
-12.9103

62.7600, 27.2333,
-55.0405

46.5230, 23.4062,
-40.8007

30.8730, 19.2896,

-27.0756

■ 9.4670, 18.5038,
-8.3026

■ 3.5510, 11.0674,
-3.1142

■ 175.2970, 39.2936,
-96.7305

■ 175.2970, 39.2936,
-96.7305

■ 164.5880, 44.5731,
-110.1407

■ 185.7070, 34.1614,
-83.9350

■ 154.1780, 49.7052,
-122.9361

■ 196.4160, 28.8819,
-70.5248

■ 148.2310, 52.6371,
-129.9986

■ 207.7120, 23.3130,
-57.6294

■ 218.1220, 18.1809,
-44.8340

■ 228.8310, 12.9013,
-31.4238

■ 239.2410, 7.7692,
-18.6284

■ 250.2380, 2.3477,
-6.3477

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

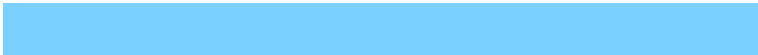
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.5840, 23.8691, -96.1052



175.2970, 39.2936, -96.7305



187.6440, 33.2065, -57.5698

Triad

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



175.2970, 39.2936, -96.7305



201.7190, 6.5475, 46.7274



194.9120, -33.4806, 5.3392

Complementary

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



175.2970, 39.2936, -96.7305



144.7030, -39.2936, 96.7305

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.



198.2300, -35.6094, 34.8783



175.2970, 39.2936, -96.7305



196.8000, -9.7614, 51.0414

Square

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



175.2970, 39.2936, -96.7305



204.4140, 22.4739, 25.0699



198.4350, -26.3435, 49.6075



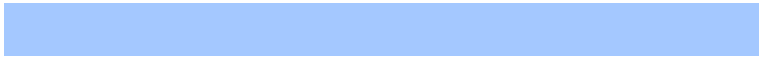
189.8460, -20.1371, -27.9289

Rectangle

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



175.2970, 39.2936, -96.7305



195.5060, 29.3305, -27.6308



198.4350, -26.3435, 49.6075



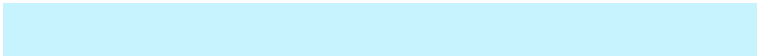
196.1090, -35.5497, 15.6904

Sweetspot

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



175.2970, 39.2936, -96.7305



231.2120, 11.7275, -28.2499



180.8620, -38.3860, -101.6110



113.7250, 7.0376, -17.2988



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.



175.2970, 39.2936, -96.7305



159.5380, 47.0628, -115.3588



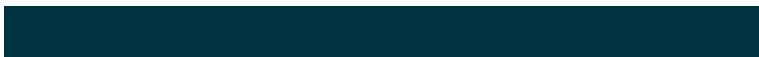
120.1190, 66.4963, -48.3394



122.3520, 2.7845, -6.4477



110.9980, 39.4410, -97.3452



37.2330, 13.1961, -32.6533

Inverse Universe

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



139.0240, 37.9492, 101.7110



116.3930, 45.1623, 121.5583



199.8810, -66.4963, 48.3394



120.0270, 2.4517, 6.9923



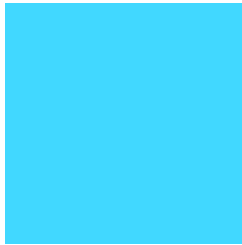
74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 175.2970, 39.2936, -96.7305 looks on a white background.

Color Contrast Check

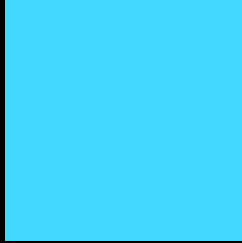
Large Text (above 18pt) WCAG AA × Fail

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 175.2970, 39.2936, -96.7305 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 175.2970, 39.2936, -96.7305

Background



This preview shows how black text looks on a background with the YUV color 175.2970, 39.2936, -96.7305.



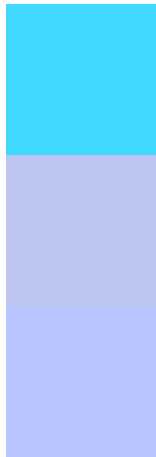
This preview shows how white text looks on a background with the YUV color 175.2970, 39.2936, -96.7305.

-96.7305.

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

175.2970, 39.2936, -96.7305

Protanopia

198.7380, 20.8352, -9.4172

Deuteranopia

198.8500, 27.6820, -12.1464



Tritanopia

170.5210, 32.7741, -105.6969

Trichromacy



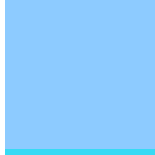
Original Color

175.2970, 39.2936, -96.7305



Protanomaly

189.9620, 27.6267, -41.1857



Deuteranomaly

190.3900, 31.8527, -43.3150



Tritanomaly

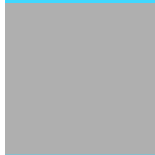
172.2270, 35.3841, -102.8081

Monochromacy



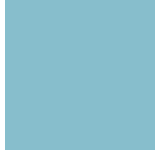
Original Color

175.2970, 39.2936, -96.7305



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1510, 14.2226, -35.2124

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2970, 39.2936, -96.7305 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(65, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(65, 216, 255)  
}
```

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(65, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 216, 255) }
```

Border

The CSS property to change the border of an element to YUV 175.2970, 39.2936, -96.7305 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(65, 216, 255) }
```


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

```
.border{ border-color:rgb(65, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(65, 216,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 175.2970, 39.2936, -96.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 216, 255) }
```

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

```
.background{ background-color: rgb(65, 216,  
255) }
```

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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