

Converting Colors

YUV(171.8830, 40.4837,
-105.1374)

Have a look what the booklet for
YUV(171.8830, 40.4837, -105.1374)
contains.

YUV(171.8830, 40.4837, -105.1374)	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(171.8830, 40.4837,
-105.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	34D9FE
RGB	52, 217, 254
RGB Percent	20%, 85%, 100%
CMY	0.7961, 0.1490, 0.0039
CMYK	0.80, 0.15, 0.00, 0.00
HSL	191°, 99%, 60%
HSV	191°, 80%, 100%
XYZ	44.1184, 57.5115, 102.5415
YIQ	171.8830, -110.2170, -23.4730

Conversions

Conversions Part 2

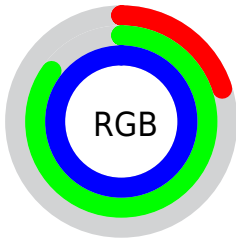
Format	Color
RYB	52, 143, 254
Decimal	3463678
CIELab	80.47, -28.67, -29.72
CIELCh	80, 41.291, 226.031
Yxy	57.5115, 0.2161, 0.2817
Android (android.graphics.Color)	4281653758 (0xFF34D9FE)
YUV	171.8830, 40.4837, -105.1374
Hunter-Lab	75.8364, -28.8698, -27.0830

Details

The YUV color **171.8830, 40.4837, -105.1374** 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 **134.1170, -40.4837, 105.1374**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **117.5520, 39.1679, -103.0931** is the 20% darker color. If you saturate the color by 10%, you get **161.4730, 45.6158, -117.9328**, and if you desaturate by 10%, it is **182.2930, 35.3516, -92.3420**.

Distribution



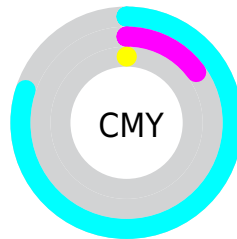
- Red (20%)
- Green (85%)
- Blue (100%)



- Red (20%)
- Yellow (56%)
- Blue (100%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8830, 40.4837, -105.1374 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 171.8830, 40.4837, -105.1374 by changing the saturation by 10% instead.

■ 171.8830, 40.4837,
-105.1374

■ 171.8830, 40.4837,
-105.1374

255.0000, 0.0000,
0.0000

■ 136.5930, 43.5847,
-119.7921

■ 217.9240, 18.2785,
-76.2323

■ 117.5520, 39.1679,
-103.0931

■ 227.7910, 13.4140,
-55.9447

■ 98.6250, 35.1879,
-86.4941

■ 237.3590, 8.6970,
-36.2718

■ 80.8720, 30.6291,
-70.9247

■ 246.9270, 3.9800,
-16.5990

■ 63.3470, 26.9439,
-55.5553

■ 46.4090, 22.9694,
-40.7007

■ 31.3460, 18.5634,

-27.4904

■ 9.4670, 18.5038,
-8.3026

■ 3.4370, 10.6306,
-3.0142

■ 171.8830, 40.4837,
-105.1374

■ 171.8830, 40.4837,
-105.1374

■ 161.4730, 45.6158,
-117.9328

■ 182.2930, 35.3516,
-92.3420

■ 151.3510, 50.6060,
-131.8578

■ 192.4150, 30.3614,
-78.4170

■ 150.4650, 51.0428,
-131.9578

■ 202.8250, 25.2293,
-65.6215

■ 213.5340, 19.9497,
-52.2113

■ 223.3570, 15.1070,
-38.9011

■ 233.7670, 9.9749,
-26.1057

■ 244.4760, 4.6953,
-12.6955

254.2990, -0.1474,
0.6148

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



172.4590, 23.4377, -97.7495



171.8830, 40.4837, -105.1374



185.5400, 34.2438, -63.6176

Triad

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



171.8830, 40.4837, -105.1374



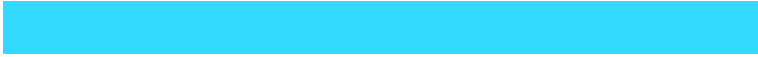
202.1750, 8.2947, 46.3275



195.1790, -35.0912, 8.6130

Complementary

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



171.8830, 40.4837, -105.1374



134.1170, -40.4837, 105.1374

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.



198.4260, -36.1990, 37.3374



171.8830, 40.4837, -105.1374



196.5550, -8.1616, 51.2563

Square

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



171.8830, 40.4837, -105.1374



204.4460, 23.9371, 22.4109



197.3750, -25.3279, 50.5371



190.2870, -22.3265, -25.6847

Rectangle

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



171.8830, 40.4837, -105.1374



194.0000, 30.0730, -32.4490



197.3750, -25.3279, 50.5371



196.4900, -36.7236, 18.8643

Sweetspot

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



171.8830, 40.4837, -105.1374



230.3040, 12.1751, -31.8386



174.4500, -43.6058, -107.3886



112.8280, 7.4798, -19.1432



0.0000, 0.0000, 0.0000



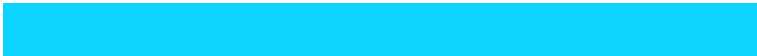
128.0000, 0.0000, 0.0000

Same Dimension

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



171.8830, 40.4837, -105.1374



156.8140, 48.4057, -126.1249



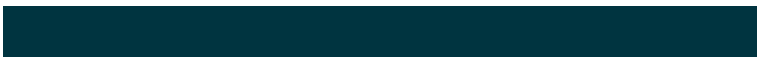
114.3570, 68.8440, -54.6871



122.3520, 2.7845, -6.4477



113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Inverse Universe

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



131.2080, 42.2955, 107.6886



107.9300, 50.8135, 128.9804



191.6430, -68.8440, 54.6871



120.0270, 2.4517, 6.9923



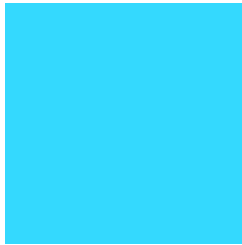
74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 171.8830, 40.4837, -105.1374 looks on a white background.

Color Contrast Check

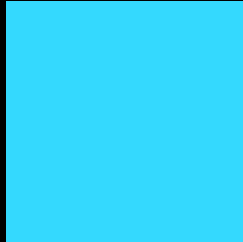
Large Text (above 18pt) WCAG AA × Fail

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 171.8830, 40.4837, -105.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

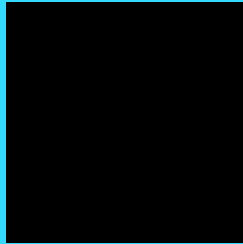
Any Text WCAG AA ✓ Pass

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 171.8830, 40.4837, -105.1374 Background



This preview shows how black text looks on a background with the YUV color 171.8830, 40.4837, -105.1374.



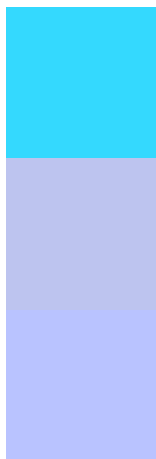
This preview shows how white text looks on a background with the YUV color 171.8830, 40.4837, -105.1374.

-105.1374.

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

171.8830, 40.4837, -105.1374

Protanopia

198.8090, 19.8142, -8.6025

Deuteranopia

198.8500, 27.6820, -12.1464



Tritanopia

165.8400, 35.5749, -117.3777

Trichromacy



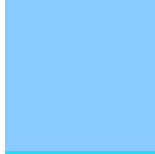
Original Color

171.8830, 40.4837, -105.1374



Protanomaly

189.1250, 27.0534, -43.9596



Deuteranomaly

189.1940, 32.4424, -45.7741



Tritanomaly

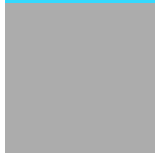
168.0300, 37.4532, -113.1593

Monochromacy



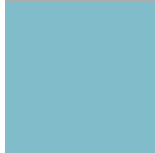
Original Color

171.8830, 40.4837, -105.1374



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.6560, 14.9596, -38.2863

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8830, 40.4837, -105.1374 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(52, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(52, 217, 254)  
}
```

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(52, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 217, 254) }
```

Border

The CSS property to change the border of an element to YUV 171.8830, 40.4837, -105.1374 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(52, 217, 254) }
```


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

```
.border{ border-color:rgb(52, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(52, 217,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 171.8830, 40.4837, -105.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 217, 254) }
```

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

```
.background{ background-color: rgb(52, 217,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor