

Converting Colors

YUV(171.4490, 38.7256,
-101.2488)

Have a look what the booklet for
YUV(171.4490, 38.7256, -101.2488)
contains.

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Color

**YUV(171.4490, 38.7256,
-101.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	38D7FA
RGB	56, 215, 250
RGB Percent	22%, 84%, 98%
CMY	0.7804, 0.1569, 0.0196
CMYK	0.78, 0.14, 0.00, 0.02
HSL	191°, 95%, 60%
HSV	191°, 78%, 98%
XYZ	43.1866, 56.3438, 99.0417
YIQ	171.4490, -105.9990, -22.8230

Conversions

Conversions Part 2

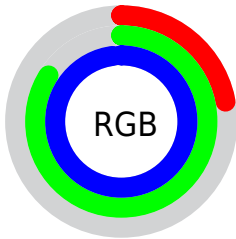
Format	Color
RYB	56, 143, 250
Decimal	3725306
CIELab	79.81, -28.58, -28.60
CIELCh	80, 40.428, 225.016
Yxy	56.3438, 0.2175, 0.2837
Android (android.graphics.Color)	4281915386 (0xFF38D7FA)
YUV	171.4490, 38.7256, -101.2488
Hunter-Lab	75.0625, -28.6607, -25.6869

Details

The YUV color **171.4490, 38.7256, -101.2488** 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 **134.5510, -38.7256, 101.2488**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2230, 18.1311, -75.6176**, and **115.9220, 37.9995, -101.6636** is the 20% darker color. If you saturate the color by 10%, you get **161.0390, 43.8578, -114.0442**, and if you desaturate by 10%, it is **181.8590, 33.5935, -88.4533**.

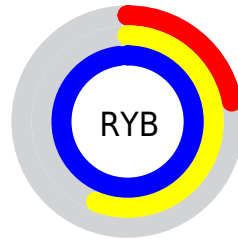
Distribution



Red (22%)

Green (84%)

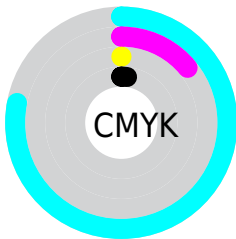
Blue (98%)



Red (22%)

Yellow (56%)

Blue (98%)

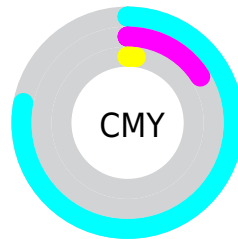


Cyan (78%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4490, 38.7256, -101.2488 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 171.4490, 38.7256, -101.2488 by changing the saturation by 10% instead.

171.4490, 38.7256,
-101.2488

171.4490, 38.7256,
-101.2488

255.0000, 0.0000,
0.0000

134.9630, 42.4162,
-118.3626

218.2230, 18.1311,
-75.6176

115.9220, 37.9995,
-101.6636

228.0900, 13.2666,
-55.3299

96.9950, 34.0195,
-85.0646

237.6580, 8.5496,
-35.6571

79.3560, 29.8975,
-69.5952

246.9270, 3.9800,
-16.5990

61.7170, 25.7755,
-54.1258

45.3660, 21.5116,
-39.7860

29.8300, 17.8318,

-26.1609

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 171.4490, 38.7256,
-101.2488

■ 171.4490, 38.7256,
-101.2488

■ 161.0390, 43.8578,
-114.0442

■ 181.8590, 33.5935,
-88.4533

■ 151.2160, 48.7005,
-127.3544

■ 191.6820, 28.7508,
-75.1431

■ 148.8350, 49.8743,
-130.5283

■ 202.0920, 23.6186,
-62.3477

■ 211.9150, 18.7759,
-49.0375

■ 222.3250, 13.6438,
-36.2420

■ 232.1480, 8.8010,
-22.9318

■ 242.5580, 3.6689,
-10.1364

■ 252.0820, -1.0264,
2.5591

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



172.3240, 21.5323, -93.2461



171.4490, 38.7256, -101.2488



184.0670, 34.9700, -63.2028

Triad

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



171.4490, 38.7256, -101.2488



201.4740, 8.1473, 46.9423



193.7060, -34.3651, 9.0278

Complementary

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



171.4490, 38.7256, -101.2488



134.5510, -38.7256, 101.2488

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.



196.9530, -35.4728, 37.7522



171.4490, 38.7256, -101.2488



195.9680, -7.8722, 51.7711

Square

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



171.4490, 38.7256, -101.2488



202.4350, 23.9425, 20.6665



196.7880, -25.0385, 51.0519



188.5970, -22.4793, -23.3256

Rectangle

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



171.4490, 38.7256, -101.2488



192.2280, 30.9466, -32.6490



196.7880, -25.0385, 51.0519



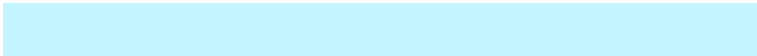
195.0170, -35.9974, 19.2791

Sweetspot

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



171.4490, 38.7256, -101.2488



230.9020, 11.8803, -30.6091



173.5260, -42.1643, -103.0703



113.1270, 7.3324, -18.5284



0.0000, 0.0000, 0.0000



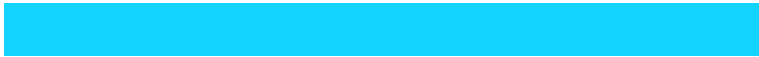
128.0000, 0.0000, 0.0000

Same Dimension

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



171.4490, 38.7256, -101.2488



158.8960, 47.3793, -123.5658



116.2710, 65.9284, -52.8577



119.9390, 2.4951, -6.9625



112.5310, 37.6992, -98.6897



36.3040, 12.1751, -31.8386

Inverse Universe

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



132.1320, 40.8539, 103.3702



110.9790, 49.8034, 126.3064



189.7290, -65.9284, 52.8577



117.1410, 2.8885, 6.8923



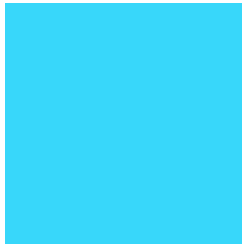
74.1810, 39.8438, 100.6963



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 171.4490, 38.7256, -101.2488 looks on a white background.

Color Contrast Check

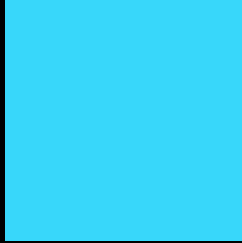
Large Text (above 18pt) WCAG AA × Fail

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 171.4490, 38.7256, -101.2488 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 171.4490, 38.7256, -101.2488 Background



This preview shows how black text looks on a background with the YUV color 171.4490, 38.7256, -101.2488.

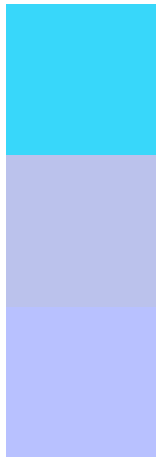


This preview shows how white text looks on a background with the YUV color 171.4490, 38.7256, -101.2488.

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

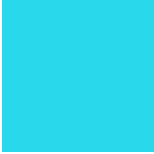
171.4490, 38.7256, -101.2488

Protanopia

196.6950, 19.3774, -8.5025

Deuteranopia

197.3770, 28.4081, -11.7316



Tritanopia

166.4280, 33.8060, -110.0004

Trichromacy



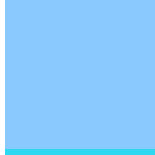
Original Color

171.4490, 38.7256, -101.2488



Protanomaly

187.6090, 26.3218, -42.6301



Deuteranomaly

187.7920, 32.1475, -44.5446



Tritanomaly

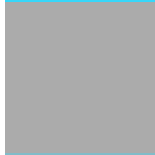
167.9060, 35.5423, -106.9116

Monochromacy



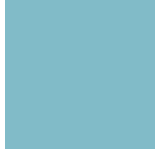
Original Color

171.4490, 38.7256, -101.2488



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.1400, 14.2280, -36.9568

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4490, 38.7256, -101.2488 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(56, 215, 250)` looks like.

```
.text, #text, p{  
    color:rgb(56, 215, 250)  
}
```

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(56, 215, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 215, 250) }
```

Border

The CSS property to change the border of an element to YUV 171.4490, 38.7256, -101.2488 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(56, 215, 250) }
```


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

```
.border{ border-color:rgb(56, 215, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 215, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 215, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 215, 250);  
box-shadow:4px 4px 4px 4px rgb(56, 215,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 171.4490, 38.7256, -101.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 215, 250) }
```

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

```
.background{ background-color: rgb(56, 215,  
250) }
```

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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