

Converting Colors

YUV(169.7700, 42.0184,
-83.9903)

Have a look what the booklet for
YUV(169.7700, 42.0184, -83.9903)
contains.

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Color

**YUV(169.7700, 42.0184,
-83.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACAFF
RGB	74, 202, 255
RGB Percent	29%, 79%, 100%
CMY	0.7098, 0.2078, 0.0000
CMYK	0.71, 0.21, 0.00, 0.00
HSL	198°, 100%, 65%
HSV	198°, 71%, 100%
XYZ	41.9946, 50.9169, 102.2223
YIQ	169.7700, -93.3010, -10.6530

Conversions

Conversions Part 2

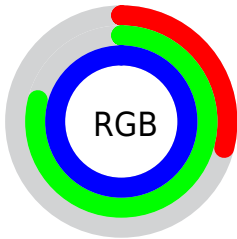
Format	Color
R _Y B	74, 149, 255
Decimal	4901631
CIE Lab	76.63, -18.44, -36.13
CIE LCh	77, 40.565, 242.962
Yxy	50.9169, 0.2152, 0.2609
Android (android.graphics.Color)	4283091711 (0xFF4ACAFF)
YUV	169.7700, 42.0184, -83.9903
Hunter-Lab	71.3561, -19.8221, -34.9876

Details

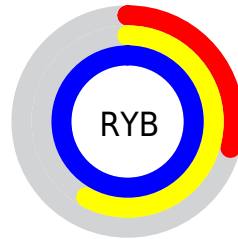
The YUV color **169.7700, 42.0184, -83.9903** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **159.2300, -42.0184, 83.9903**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **109.4480, 43.6561, -95.9859** is the 20% darker color. If you saturate the color by 10%, you get **158.1860, 47.7293, -95.7561**, and if you desaturate by 10%, it is **181.6530, 36.1601, -71.6097**.

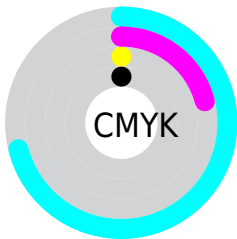
Distribution



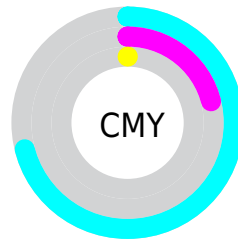
- Red (29%)
- Green (79%)
- Blue (100%)



- Red (29%)
- Yellow (58%)
- Blue (100%)



- Cyan (71%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7700, 42.0184, -83.9903 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 169.7700, 42.0184, -83.9903 by changing the saturation by 10% instead.

■ 169.7700, 42.0184,
-83.9903

■ 169.7700, 42.0184,
-83.9903

255.0000, 0.0000,
0.0000

■ 134.4690, 45.1248,
-100.3893

■ 221.5120, 16.5096,
-68.8550

■ 109.4480, 43.6561,
-95.9859

■ 230.7810, 11.9400,
-49.7969

■ 91.1080, 39.3868,
-79.9017

■ 240.3490, 7.2229,
-30.1241

■ 73.3550, 34.8280,
-64.3323

■ 249.6180, 2.6533,
-11.0660

■ 56.3030, 30.4166,
-49.3777

■ 40.5390, 25.8633,
-35.5527

■ 26.0630, 21.1679,

-22.8573

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 169.7700, 42.0184,
-83.9903

■ 169.7700, 42.0184,
-83.9903

■ 158.1860, 47.7293,
-95.7561

■ 181.6530, 36.1601,
-71.6097

■ 145.7160, 53.8770,
-107.6219

■ 193.8240, 30.1598,
-60.3586

■ 134.7300, 59.2931,
-118.1582

■ 205.7070, 24.3014,
-47.9780

■ 217.8780, 18.3011,
-36.7270

■ 229.7610, 12.4428,
-24.3464

■ 241.9320, 6.4425,
-13.0954

■ 253.8150, 0.5842,
-0.7148

■ 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.



155.9760, 36.0008, -113.9890



169.7700, 42.0184, -83.9903



183.9330, 35.0360, -37.6522

Triad

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



169.7700, 42.0184, -83.9903



191.4830, -2.2101, 55.7044



182.1920, -28.1957, -9.8154

Complementary

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



169.7700, 42.0184, -83.9903



159.2300, -42.0184, 83.9903

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.



186.0280, -36.0028, 21.0234



169.7700, 42.0184, -83.9903



189.6130, -19.5292, 57.3444

Square

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



169.7700, 42.0184, -83.9903



194.7380, 14.4262, 39.6948



189.1050, -32.5898, 46.3889



175.8530, -10.7735, -44.5981

Rectangle

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



169.7700, 42.0184, -83.9903



190.6100, 31.7443, -8.4280



189.1050, -32.5898, 46.3889



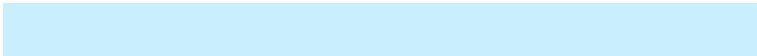
183.6340, -31.8646, 0.3210

Sweetspot

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



169.7700, 42.0184, -83.9903



229.4620, 12.5902, -24.9612



186.0610, -30.1031, -98.2775



112.5620, 7.6109, -14.5249



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.



169.7700, 42.0184, -83.9903



153.1360, 50.2190, -100.9743



117.5270, 67.7742, -38.1732



121.7650, 3.0739, -5.9329



101.0190, 44.3606, -88.5937



33.7110, 14.9325, -29.5645

Inverse Universe

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



142.7110, 29.2295, 98.4775



120.4390, 35.2796, 118.0100



211.4730, -67.7742, 38.1732



119.9130, 2.0149, 7.0923



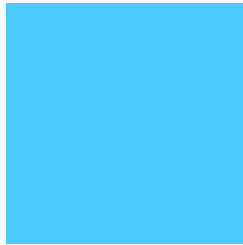
72.4990, 30.8130, 103.9254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 169.7700, 42.0184, -83.9903 looks on a white background.

Color Contrast Check

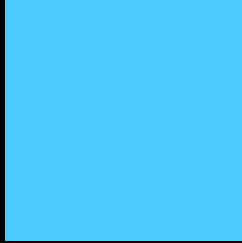
Large Text (above 18pt) WCAG AA × Fail

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 169.7700, 42.0184, -83.9903 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

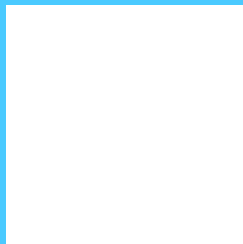
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.7700, 42.0184, -83.9903

Background



This preview shows how black text looks on a background with the YUV color 169.7700, 42.0184, -83.9903.



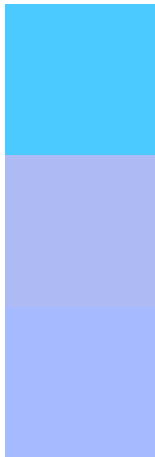
This preview shows how white text looks on a background with the YUV color 169.7700, 42.0184, -83.9903.

-83.9903.

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

169.7700, 42.0184, -83.9903

Protanopia

188.6110, 26.8138, -13.6908

Deuteranopia

187.8860, 33.0872, -19.1940



Tritanopia

162.5930, 30.2737, -96.9901

Trichromacy



Original Color

169.7700, 42.0184, -83.9903

Protanomaly

181.8250, 32.1313, -39.3115

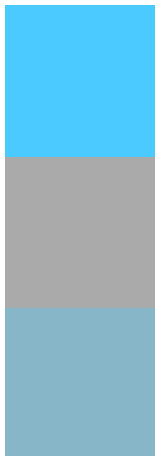
Deuteranomaly

181.5410, 36.2153, -42.5705

Tritanomaly

165.0650, 34.4780, -92.1420

Monochromacy



Original Color

169.7700, 42.0184, -83.9903

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1130, 15.2273, -30.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7700, 42.0184, -83.9903 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(74, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 202, 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(74, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 202, 255) }
```

Border

The CSS property to change the border of an element to YUV 169.7700, 42.0184, -83.9903 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(74, 202, 255) }
```


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

```
.border{ border-color:rgb(74, 202, 255) }
```

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

Here you see how a box with a 4 pixel rgb(74, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 202,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 169.7700, 42.0184, -83.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 202, 255) }
```

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

```
.background{ background-color: rgb(74, 202,  
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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