

Converting Colors

YUV(167.4220, 43.1760,
-81.9311)

Have a look what the booklet for
YUV(167.4220, 43.1760, -81.9311)
contains.

YUV(167.4220, 43.1760, -81.9311)	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(167.4220, 43.1760,
-81.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC6FF
RGB	74, 198, 255
RGB Percent	29%, 78%, 100%
CMY	0.7098, 0.2235, 0.0000
CMYK	0.71, 0.22, 0.00, 0.00
HSL	199°, 100%, 65%
HSV	199°, 71%, 100%
XYZ	41.0681, 49.0640, 101.9135
YIQ	167.4220, -92.2010, -8.5610

Conversions

Conversions Part 2

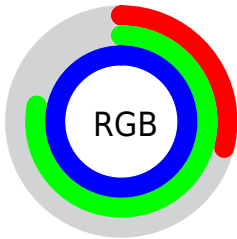
Format	Color
R _Y B	74, 148, 255
Decimal	4900607
CIE Lab	75.49, -16.36, -37.89
CIE LCh	75, 41.275, 246.652
Yxy	49.0640, 0.2138, 0.2555
Android (android.graphics.Color)	4283090687 (0xFF4AC6FF)
YUV	167.4220, 43.1760, -81.9311
Hunter-Lab	70.0457, -17.9246, -37.2324

Details

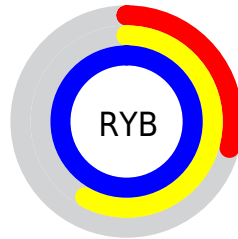
The YUV color **167.4220, 43.1760, -81.9311** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **161.5780, -43.1760, 81.9311**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **107.1000, 44.8137, -93.9267** is the 20% darker color. If you saturate the color by 10%, you get **155.2510, 49.1763, -93.1821**, and if you desaturate by 10%, it is **179.8920, 37.0282, -70.0653**.

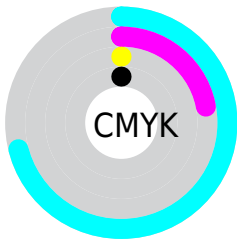
Distribution



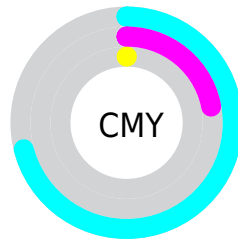
- Red (29%)
- Green (78%)
- Blue (100%)



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



- Cyan (71%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4220, 43.1760, -81.9311 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 167.4220, 43.1760, -81.9311 by changing the saturation by 10% instead.

■ 167.4220, 43.1760,
-81.9311

■ 167.4220, 43.1760,
-81.9311

255.0000, 0.0000,
0.0000

■ 132.4200, 46.1349,
-97.7153

■ 221.5120, 16.5096,
-68.8550

■ 107.1000, 44.8137,
-93.9267

■ 230.7810, 11.9400,
-49.7969

■ 89.3470, 40.2549,
-78.3573

■ 240.0500, 7.3704,
-30.7388

■ 71.5940, 35.6962,
-62.7879

■ 249.3190, 2.8007,
-11.6808

■ 54.5420, 31.2848,
-47.8333

■ 38.7780, 26.7314,
-34.0083

■ 24.8890, 21.7467,

-21.8277

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 167.4220, 43.1760,
-81.9311

■ 167.4220, 43.1760,
-81.9311

■ 155.2510, 49.1763,
-93.1821

■ 179.8920, 37.0282,
-70.0653

■ 142.7810, 55.3240,
-105.0479

■ 192.0630, 31.0279,
-58.8143

■ 131.7950, 60.7401,
-115.5842

■ 204.5330, 24.8802,
-46.9484

■ 216.7040, 18.8799,
-35.6974

■ 229.1740, 12.7322,
-23.8316

■ 241.3450, 6.7319,
-12.5806

■ 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.



146.5550, 41.1384, -128.5287



167.4220, 43.1760, -81.9311



181.8950, 36.0408, -33.2339

Triad

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



167.4220, 43.1760, -81.9311



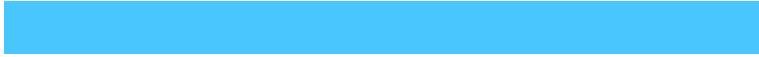
188.2230, -4.5469, 58.5634



178.0990, -27.1638, -14.1188

Complementary

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



167.4220, 43.1760, -81.9311



161.5780, -43.1760, 81.9311

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.



182.3050, -36.1394, 18.1495



167.4220, 43.1760, -81.9311



186.9400, -22.1554, 59.6886

Square

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



167.4220, 43.1760, -81.9311



191.3040, 12.6681, 43.5834



185.4530, -33.7473, 44.3297



171.8030, -8.2839, -49.8162

Rectangle

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



167.4220, 43.1760, -81.9311



188.4580, 32.3122, -3.9097



185.4530, -33.7473, 44.3297



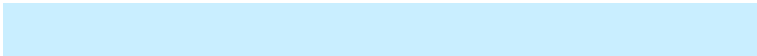
179.8400, -30.9801, -3.3677

Sweetspot

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



167.4220, 43.1760, -81.9311



228.8750, 12.8796, -24.4464



186.4030, -28.7927, -98.5774



111.9750, 7.9003, -14.0101



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.



167.4220, 43.1760, -81.9311



150.2010, 51.6659, -98.4003



115.7660, 68.6424, -36.6288



121.1780, 3.3632, -5.4181



98.6710, 45.5182, -86.5345



33.1240, 15.2219, -29.0497

Inverse Universe

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



142.2550, 27.4823, 98.8774



119.8690, 33.0956, 118.5099



213.2340, -68.6424, 36.6288



119.7990, 1.5781, 7.1923



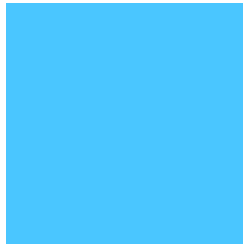
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 167.4220, 43.1760, -81.9311 looks on a white background.

Color Contrast Check

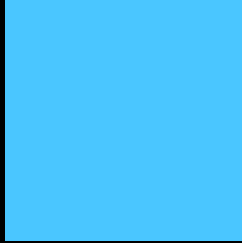
Large Text (above 18pt) WCAG AA × Fail

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 167.4220, 43.1760, -81.9311 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

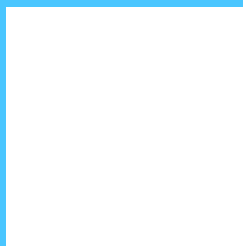
Any Text WCAG AAA ✓ Pass

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

YUV 167.4220, 43.1760, -81.9311 Background



This preview shows how black text looks on a background with the YUV color 167.4220, 43.1760, -81.9311.



This preview shows how white text looks on a background with the YUV color 167.4220, 43.1760, -81.9311.

-81.9311.

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

167.4220, 43.1760, -81.9311

Protanopia

184.7680, 28.7084, -14.7055

Deuteranopia

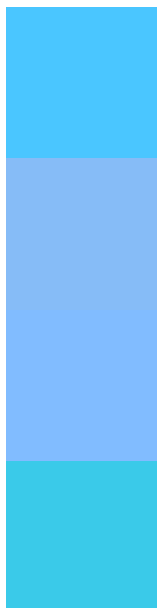
184.6300, 34.6924, -20.7235



Tritanopia

159.5930, 30.2737, -96.9901

Trichromacy



Original Color

167.4220, 43.1760, -81.9311

Protanomaly

178.5800, 33.7311, -39.0967

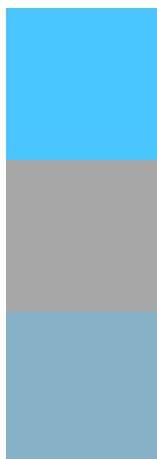
Deuteranomaly

177.9970, 37.9625, -42.9704

Tritanomaly

162.4780, 34.7673, -91.6272

Monochromacy



Original Color

167.4220, 43.1760, -81.9311

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9390, 15.8061, -29.7645

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4220, 43.1760, -81.9311 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 198, 255) }
```

Border

The CSS property to change the border of an element to YUV 167.4220, 43.1760, -81.9311 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, 198, 255) }
```


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

```
.border{ border-color:rgb(74, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 198,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 167.4220, 43.1760, -81.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 198, 255) }
```

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

```
.background{ background-color: rgb(74, 198,  
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](#).

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