

Converting Colors

YUV(184.4450, 34.7836,
-96.8603)

Have a look what the booklet for
YUV(184.4450, 34.7836, -96.8603)
contains.

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Color

**YUV(184.4450, 34.7836,
-96.8603)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 4AE3FF |
| RGB | 74, 227, 255 |
| RGB Percent | 29%, 89%, 100% |
| CMY | 0.7098, 0.1098, 0.0000 |
| CMYK | 0.71, 0.11, 0.00, 0.00 |
| HSL | 189°, 100%, 65% |
| HSV | 189°, 71%, 100% |
| XYZ | 48.3431, 63.6140, 104.3385 |
| YIQ | 184.4450, -100.1760, -23.7280 |

Conversions

Conversions Part 2

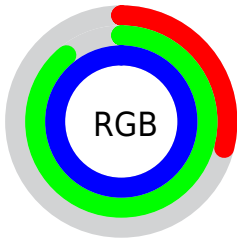
| Format | Color |
|-------------------------------------|---|
| RYB | 74, 157, 255 |
| Decimal | 4908031 |
| CIELab | 83.76, -30.90, -25.17 |
| CIELCh | 84, 39.854, 219.165 |
| Yxy | 63.6140, 0.2235, 0.2941 |
| Android (android.graphics.Color) | 4283098111 (0xFF4AE3FF) |
| YUV | 184.4450, 34.7836, -96.8603 |
| Hunter-Lab | 79.7584, -31.3848, -21.7313 |

Details

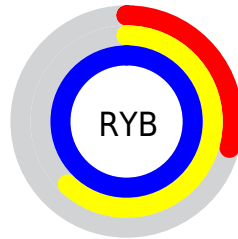
The YUV color **184.4450, 34.7836, -96.8603** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **144.5550, -34.7836, 96.8603**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **122.9490, 37.0001, -107.8263** is the 20% darker color. If you saturate the color by 10%, you get **174.6220, 39.6264, -110.1705**, and if you desaturate by 10%, it is **194.5670, 29.7935, -82.9353**.

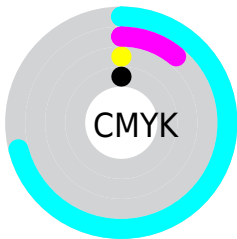
Distribution



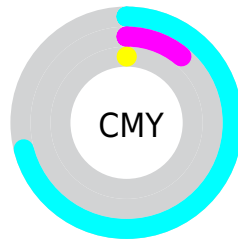
- Red (29%)
- Green (89%)
- Blue (100%)



- Red (29%)
- Yellow (62%)
- Blue (100%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.4450, 34.7836, -96.8603 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 184.4450, 34.7836, -96.8603 by changing the saturation by 10% instead.

184.4450, 34.7836,
-96.8603

184.4450, 34.7836,
-96.8603

255.0000, 0.0000,
0.0000

146.7630, 39.0638,
-116.4332

222.1100, 16.2148,
-67.6255

122.9490, 37.0001,
-107.8263

231.6780, 11.4977,
-47.9526

104.0220, 33.0202,
-91.2273

240.9470, 6.9281,
-28.8945

85.6820, 28.7508,
-75.1431

250.5150, 2.2111,
-9.2217

68.1570, 25.0656,
-59.7737

51.2190, 21.0910,
-44.9191

34.9820, 17.2639,

-30.6792

■ 19.5600, 14.0209,
-17.1541

■ 3.6650, 11.5042,
-3.2142

■ 184.4450, 34.7836,
-96.8603

■ 184.4450, 34.7836,
-96.8603

■ 174.6220, 39.6264,
-110.1705

■ 194.5670, 29.7935,
-82.9353

■ 164.5000, 44.6165,
-124.0955

■ 204.3900, 24.9507,
-69.6250

■ 155.8620, 48.8750,
-136.6910

■ 214.5120, 19.9606,
-55.7000

■ 224.3350, 15.1178,
-42.3898

■ 234.4570, 10.1277,
-28.4648

■ 244.2800, 5.2850,
-15.1546

■ 254.4020, 0.2948,
-1.2296

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

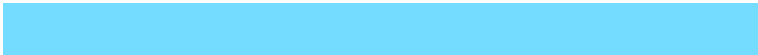
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186.8970, 15.8268, -83.2247



184.4450, 34.7836, -96.8603



192.5950, 30.7657, -68.0508

Triad

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



184.4450, 34.7836, -96.8603



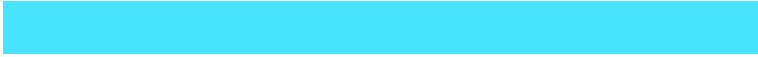
211.1570, 12.2476, 38.4503



205.2230, -35.1129, 15.5904

Complementary

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



184.4450, 34.7836, -96.8603



144.5550, -34.7836, 96.8603

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.



207.7300, -33.8839, 41.4558



184.4450, 34.7836, -96.8603



204.5910, -2.7564, 44.2087

Square

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



184.4450, 34.7836, -96.8603



211.7070, 21.3434, 14.2890



204.0090, -20.2174, 44.7191



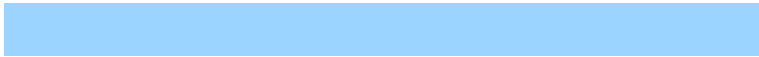
201.1310, -25.7006, -16.7779

Rectangle

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



184.4450, 34.7836, -96.8603



200.4460, 26.8951, -39.8561



204.0090, -20.2174, 44.7191



206.3490, -36.1611, 25.1269

Sweetspot

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



184.4450, 34.7836, -96.8603



234.1580, 10.2751, -29.0796



183.3250, -40.5862, -95.8780



115.4970, 6.1640, -17.0989



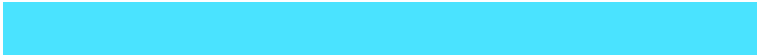
0.0000, 0.0000, 0.0000



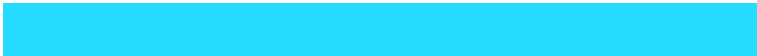
128.0000, 0.0000, 0.0000

Same Dimension

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



184.4450, 34.7836, -96.8603



170.1590, 41.8266, -115.9034



131.6150, 60.8288, -50.5284



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977

Inverse Universe

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



145.5610, 40.1494, 95.9780



123.7450, 47.9467, 115.1106



197.3850, -60.8288, 50.5284



120.1410, 2.8885, 6.8923



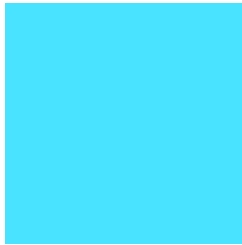
75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 184.4450, 34.7836, -96.8603 looks on a white background.

Color Contrast Check

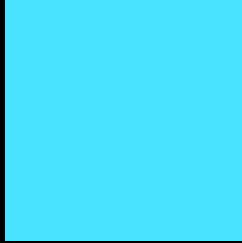
Large Text (above 18pt) WCAG AA × Fail

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 184.4450, 34.7836, -96.8603 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 184.4450, 34.7836, -96.8603

Background



This preview shows how black text looks on a background with the YUV color 184.4450, 34.7836, -96.8603.



This preview shows how white text looks on a background with the YUV color 184.4450, 34.7836, -96.8603.

-96.8603.

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

184.4450, 34.7836, -96.8603

Protanopia

207.7940, 15.8776, -5.9583

Deuteranopia

208.9170, 22.7189, -6.9432



Tritanopia

182.6250, 31.7369, -99.6491

Trichromacy



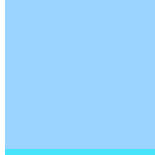
Original Color

184.4450, 34.7836, -96.8603



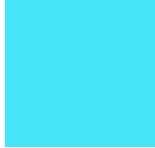
Protanomaly

199.3060, 22.5271, -38.8564



Deuteranomaly

199.8590, 27.1845, -39.3413



Tritanomaly

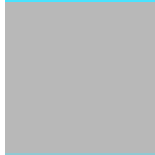
183.5650, 32.7525, -98.7195

Monochromacy



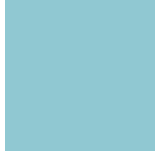
Original Color

184.4450, 34.7836, -96.8603



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.3960, 12.6228, -35.4273

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.4450, 34.7836, -96.8603 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 227, 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, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 227, 255) }
```

Border

The CSS property to change the border of an element to YUV 184.4450, 34.7836, -96.8603 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, 227, 255) }
```


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

```
.border{ border-color:rgb(74, 227, 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, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 184.4450, 34.7836, -96.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 227, 255) }
```

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

```
.background{ background-color: rgb(74, 227,  
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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