

Converting Colors

YUV(184.7720, 32.1574,
-94.5160)

Have a look what the booklet for
YUV(184.7720, 32.1574, -94.5160)
contains.

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Color

**YUV(184.7720, 32.1574,
-94.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	4DE3FA
RGB	77, 227, 250
RGB Percent	30%, 89%, 98%
CMY	0.6980, 0.1098, 0.0196
CMYK	0.69, 0.09, 0.00, 0.02
HSL	188°, 95%, 64%
HSV	188°, 69%, 98%
XYZ	47.7850, 63.4181, 100.1649
YIQ	184.7720, -96.7830, -24.6470

Conversions

Conversions Part 2

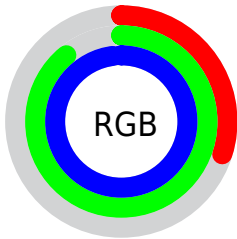
Format	Color
RYB	77, 157, 250
Decimal	5104634
CIELab	83.66, -32.00, -22.68
CIElCh	84, 39.224, 215.329
Yxy	63.4181, 0.2261, 0.3000
Android (android.graphics.Color)	4283294714 (0xFF4DE3FA)
YUV	184.7720, 32.1574, -94.5160
Hunter-Lab	79.6355, -32.2538, -18.8297

Details

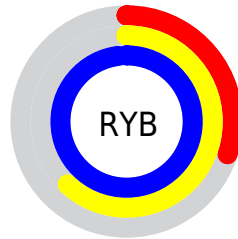
The YUV color **184.7720, 32.1574, -94.5160** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **142.2280, -32.1574, 94.5160**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **122.3790, 34.8162, -107.3264** is the 20% darker color. If you saturate the color by 10%, you get **175.5360, 36.7108, -108.3411**, and if you desaturate by 10%, it is **194.0080, 27.6041, -80.6910**.

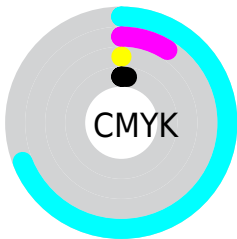
Distribution



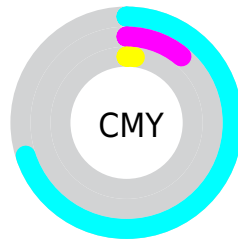
- Red (30%)
- Green (89%)
- Blue (98%)



- Red (30%)
- Yellow (62%)
- Blue (98%)



- Cyan (69%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (70%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.7720, 32.1574, -94.5160 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 184.7720, 32.1574, -94.5160 by changing the saturation by 10% instead.

184.7720, 32.1574,
-94.5160

184.7720, 32.1574,
-94.5160

255.0000, 0.0000,
0.0000

149.4820, 35.2584,
-109.1707

222.4090, 16.0674,
-67.0107

122.3790, 34.8162,
-107.3264

231.9770, 11.3503,
-47.3378

103.4520, 30.8362,
-90.7274

241.2460, 6.7807,
-28.2797

85.2260, 27.0036,
-74.7432

250.8140, 2.0637,
-8.6069

67.5870, 22.8816,
-59.2738

50.7630, 19.3438,
-44.5192

34.5260, 15.5167,

-30.2793

■ 18.5170, 12.5631,
-16.2394

■ 3.2090, 9.7570,
-2.8143

■ 184.7720, 32.1574,
-94.5160

■ 184.7720, 32.1574,
-94.5160

■ 175.5360, 36.7108,
-108.3411

■ 194.0080, 27.6041,
-80.6910

■ 165.7130, 41.5535,
-121.6513

■ 203.8310, 22.7613,
-67.3808

■ 156.4770, 46.1068,
-135.4763

■ 213.0670, 18.2080,
-53.5558

■ 155.8790, 46.4017,
-136.7059

■ 222.3030, 13.6546,
-39.7307

232.1260, 8.8119,
-26.4205

241.3620, 4.2585,
-12.5955

250.5980, -0.2948,
1.2296

253.8430, -1.8946,
1.0147

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.



188.4200, 12.6109, -78.4213



184.7720, 32.1574, -94.5160



191.9860, 31.0659, -71.0247

Triad

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



184.7720, 32.1574, -94.5160



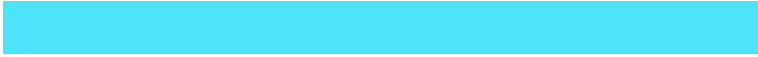
212.2000, 13.7054, 37.5356



205.2450, -35.1238, 19.0791

Complementary

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



184.7720, 32.1574, -94.5160



142.2280, -32.1574, 94.5160

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.



207.4850, -32.2841, 41.6707



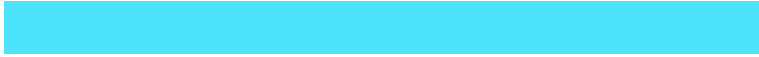
184.7720, 32.1574, -94.5160



205.0470, -1.0092, 43.8088

Square

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



184.7720, 32.1574, -94.5160



211.0870, 21.6491, 9.5707



203.9920, -17.7441, 44.7340



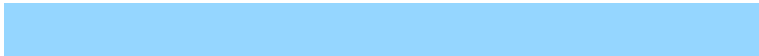
201.2240, -26.7324, -12.4744

Rectangle

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



184.7720, 32.1574, -94.5160



199.2390, 27.4902, -44.0596



203.9920, -17.7441, 44.7340



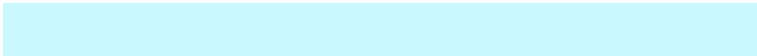
206.5990, -35.2983, 28.4157

Sweetspot

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



184.7720, 32.1574, -94.5160



234.7450, 9.9857, -29.5944



180.8310, -41.3287, -91.0598



115.4970, 6.1640, -17.0989



0.0000, 0.0000, 0.0000



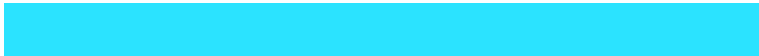
128.0000, 0.0000, 0.0000

Same Dimension

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



184.7720, 32.1574, -94.5160



175.1760, 39.3532, -115.9184



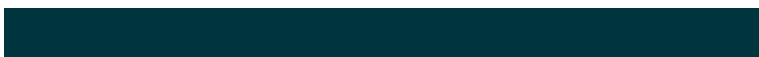
135.4640, 56.4662, -51.2729



119.9390, 2.4951, -6.9625



117.8140, 35.0947, -103.3229



38.0650, 11.3070, -33.3830

Inverse Universe

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



145.8270, 40.0183, 91.3597



127.3640, 49.1205, 111.9368



191.5360, -56.4662, 51.2729



117.1410, 2.8885, 6.8923



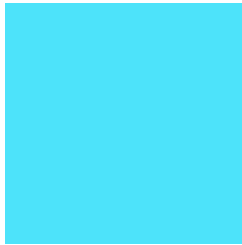
75.2070, 43.7749, 99.7965



24.2810, 14.1585, 32.2026

Previews

White Background



This preview shows how the YUV color 184.7720, 32.1574, -94.5160 looks on a white background.

Color Contrast Check

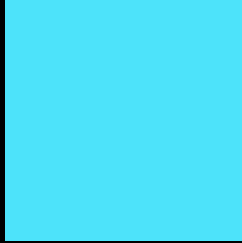
Large Text (above 18pt) WCAG AA × Fail

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 184.7720, 32.1574, -94.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

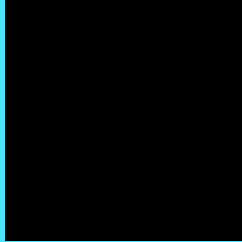
Any Text WCAG AA ✓ Pass

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 184.7720, 32.1574, -94.5160 Background



This preview shows how black text looks on a background with the YUV color 184.7720, 32.1574, -94.5160.



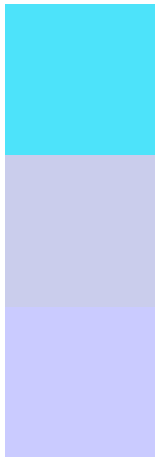
This preview shows how white text looks on a background with the YUV color 184.7720, 32.1574, -94.5160.

-94.5160.

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

184.7720, 32.1574, -94.5160

Protanopia

207.6370, 13.9830, -4.9436

Deuteranopia

208.6290, 22.8609, -5.8136



Tritanopia

184.3050, 30.4156, -95.8605

Trichromacy



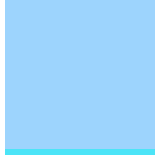
Original Color

184.7720, 32.1574, -94.5160



Protanomaly

199.4480, 20.4851, -37.2269



Deuteranomaly

200.2290, 26.0161, -37.9118



Tritanomaly

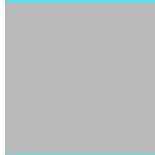
184.7180, 30.7050, -95.3457

Monochromacy



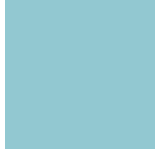
Original Color

184.7720, 32.1574, -94.5160



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.8800, 11.8912, -34.0978

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.7720, 32.1574, -94.5160 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(77, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(77, 227, 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(77, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 227, 250) }
```

Border

The CSS property to change the border of an element to YUV 184.7720, 32.1574, -94.5160 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(77, 227, 250) }
```


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

```
.border{ border-color:rgb(77, 227, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 227, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 227, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 227, 250);  
box-shadow:4px 4px 4px 4px rgb(77, 227,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 184.7720, 32.1574, -94.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 227, 250) }
```

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

```
.background{ background-color: rgb(77, 227,  
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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