

Converting Colors

YUV(170.0800, 38.4146,
-94.7862)

Have a look what the booklet for
YUV(170.0800, 38.4146, -94.7862)
contains.

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Color

**YUV(170.0800, 38.4146,
-94.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	3ED2F8
RGB	62, 210, 248
RGB Percent	24%, 82%, 97%
CMY	0.7569, 0.1765, 0.0275
CMYK	0.75, 0.15, 0.00, 0.03
HSL	192°, 93%, 61%
HSV	192°, 75%, 97%
XYZ	41.9765, 53.8946, 96.9972
YIQ	170.0800, -100.4060, -19.5580

Conversions

Conversions Part 2

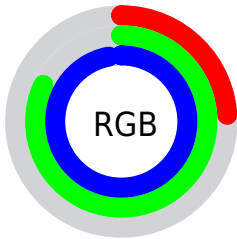
Format	Color
R _Y B	62, 144, 248
Decimal	4117240
CIE Lab	78.40, -26.13, -29.68
CIE LCh	78, 39.545, 228.640
Yxy	53.8946, 0.2176, 0.2794
Android (android.graphics.Color)	4282307320 (0xFF3ED2F8)
YUV	170.0800, 38.4146, -94.7862
Hunter-Lab	73.4130, -26.4090, -26.9481

Details

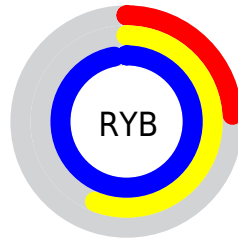
The YUV color **170.0800, 38.4146, -94.7862** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **139.9200, -38.4146, 94.7862**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1200, 17.6888, -73.7732**, and **112.7590, 38.5728, -98.8896** is the 20% darker color. If you saturate the color by 10%, you get **159.6700, 43.5467, -107.5816**, and if you desaturate by 10%, it is **180.4900, 33.2824, -81.9907**.

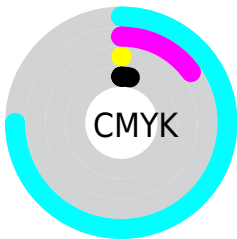
Distribution



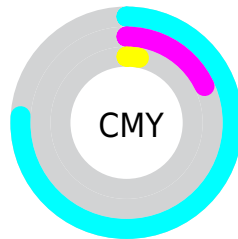
- Red (24%)
- Green (82%)
- Blue (97%)



- Red (24%)
- Yellow (56%)
- Blue (97%)



- Cyan (75%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (76%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0800, 38.4146, -94.7862 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 170.0800, 38.4146, -94.7862 by changing the saturation by 10% instead.

170.0800, 38.4146,
-94.7862

170.0800, 38.4146,
-94.7862

255.0000, 0.0000,
0.0000

131.8000, 42.9896,
-115.5886

219.1200, 17.6888,
-73.7732

112.7590, 38.5728,
-98.8896

228.6880, 12.9718,
-54.1004

94.4190, 34.3034,
-82.8055

238.2560, 8.2548,
-34.4275

76.7800, 30.1815,
-67.3361

247.5250, 3.6852,
-15.3694

59.1410, 26.0595,
-51.8667

42.9040, 22.2323,
-37.6268

27.8410, 17.8264,

-24.4166

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 170.0800, 38.4146,
-94.7862

■ 170.0800, 38.4146,
-94.7862

■ 159.6700, 43.5467,
-107.5816

■ 180.4900, 33.2824,
-81.9907

■ 149.2600, 48.6788,
-120.3770

■ 190.9000, 28.1503,
-69.1953

■ 143.9110, 51.3159,
-126.2099

■ 201.0110, 23.1656,
-57.0146

■ 211.4210, 18.0334,
-44.2192

■ 221.8310, 12.9013,
-31.4238

■ 232.2410, 7.7692,
-18.6284

■ 242.6510, 2.6371,
-5.8329

■ 251.8540, -1.9000,
2.7590

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

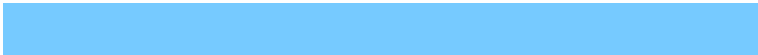
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.7800, 23.2795, -93.6461



170.0800, 38.4146, -94.7862



182.9260, 35.5325, -56.9401

Triad

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



170.0800, 38.4146, -94.7862



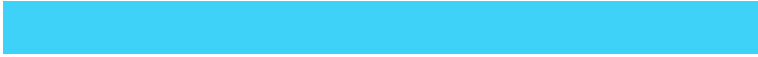
198.2140, 5.8105, 49.8013



189.1400, -32.6070, 5.1392

Complementary

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



170.0800, 38.4146, -94.7862



139.9200, -38.4146, 94.7862

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.



192.7460, -34.8778, 33.5488



170.0800, 38.4146, -94.7862



193.2950, -10.4984, 54.1153

Square

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



170.0800, 38.4146, -94.7862



198.8870, 21.7477, 24.6551



194.9300, -27.0805, 52.6814



184.5580, -19.9951, -26.7994

Rectangle

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



170.0800, 38.4146, -94.7862



190.4890, 31.8039, -27.6159



194.9300, -27.0805, 52.6814



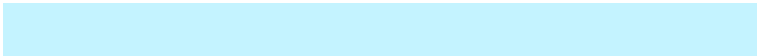
190.3370, -34.6761, 15.4905

Sweetspot

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



170.0800, 38.4146, -94.7862



230.3150, 12.1697, -30.0943



175.4000, -37.6652, -99.4518



112.5400, 7.6218, -18.0136



0.0000, 0.0000, 0.0000



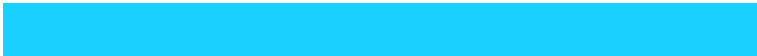
128.0000, 0.0000, 0.0000

Same Dimension

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



170.0800, 38.4146, -94.7862



158.6410, 47.5050, -117.2032



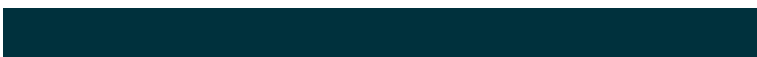
116.0760, 65.0385, -47.4247



119.3520, 2.7845, -6.4477



109.5960, 39.1462, -96.1157



35.7170, 12.4645, -31.3238

Inverse Universe

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



134.4860, 37.2284, 99.5518



114.6320, 46.0304, 123.1027



193.9240, -65.0385, 47.4247



117.0270, 2.4517, 6.9923



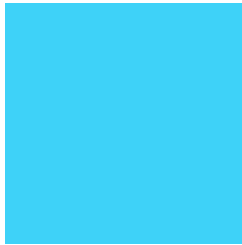
73.6110, 37.6598, 101.1962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 170.0800, 38.4146, -94.7862 looks on a white background.

Color Contrast Check

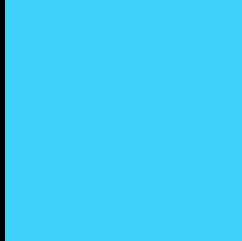
Large Text (above 18pt) WCAG AA × Fail

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 170.0800, 38.4146, -94.7862 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 170.0800, 38.4146, -94.7862 Background



This preview shows how black text looks on a background with the YUV color 170.0800, 38.4146, -94.7862.

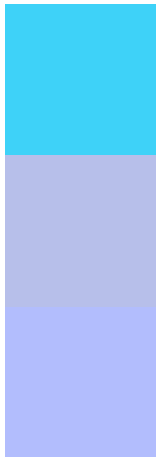


This preview shows how white text looks on a background with the YUV color 170.0800, 38.4146, -94.7862.

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

170.0800, 38.4146, -94.7862

Protanopia

193.5100, 19.9616, -9.2173

Deuteranopia

193.0070, 29.5765, -13.1611



Tritanopia

165.3040, 31.8951, -103.7526

Trichromacy



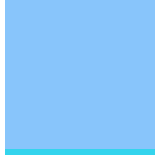
Original Color

170.0800, 38.4146, -94.7862



Protanomaly

185.0330, 26.6057, -40.3709



Deuteranomaly

184.9170, 32.5789, -42.9002



Tritanomaly

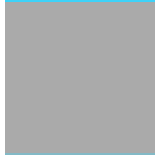
167.0100, 34.5051, -100.8638

Monochromacy



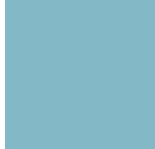
Original Color

170.0800, 38.4146, -94.7862



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.3360, 13.6384, -34.4977

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0800, 38.4146, -94.7862 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(62, 210, 248)` looks like.

```
.text, #text, p{  
    color:rgb(62, 210, 248)  
}
```

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(62, 210, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 210, 248) }
```

Border

The CSS property to change the border of an element to YUV 170.0800, 38.4146, -94.7862 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(62, 210, 248) }
```


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

```
.border{ border-color:rgb(62, 210, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 210, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 210, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 210, 248);  
box-shadow:4px 4px 4px 4px rgb(62, 210,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 170.0800, 38.4146, -94.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 210, 248) }
```

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

```
.background{ background-color: rgb(62, 210,  
248) }
```

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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