

Converting Colors

YUV(198.0340, 28.0842,
-94.7458)

Have a look what the booklet for
YUV(198.0340, 28.0842, -94.7458)
contains.

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Color

**YUV(198.0340, 28.0842,
-94.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	5AF2FF
RGB	90, 242, 255
RGB Percent	35%, 95%, 100%
CMY	0.6471, 0.0510, 0.0000
CMYK	0.65, 0.05, 0.00, 0.00
HSL	185°, 100%, 68%
HSV	185°, 65%, 100%
XYZ	54.0186, 72.8979, 105.8314
YIQ	198.0340, -94.7650, -28.1810

Conversions

Conversions Part 2

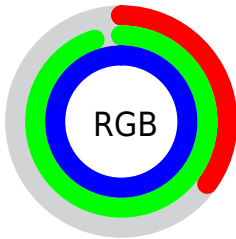
Format	Color
R_{YB}	90, 169, 255
Decimal	5960447
CIE _{Lab}	88.40, -35.83, -18.12
CIE _{LCh}	88, 40.151, 206.819
Yxy	72.8979, 0.2321, 0.3132
Android (android.graphics.Color)	4284150527 (0xFF5AF2FF)
YUV	198.0340, 28.0842, -94.7458
Hunter-Lab	85.3803, -36.4817, -13.7255

Details

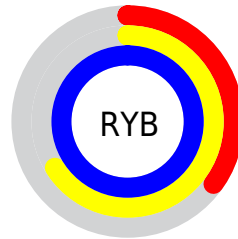
The YUV color **198.0340, 28.0842, -94.7458** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **146.9660, -28.0842, 94.7458**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **131.1670, 32.9487, -115.0335** is the 20% darker color. If you saturate the color by 10%, you get **189.3850, 32.3482, -109.0856**, and if you desaturate by 10%, it is **206.9820, 23.6729, -79.7912**.

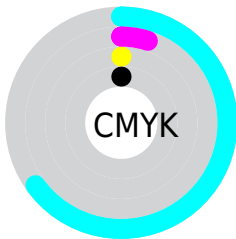
Distribution



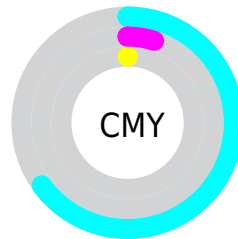
- Red (35%)
- Green (95%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0340, 28.0842, -94.7458 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 198.0340, 28.0842, -94.7458 by changing the saturation by 10% instead.

198.0340, 28.0842,
-94.7458

198.0340, 28.0842,
-94.7458

255.0000, 0.0000,
0.0000

164.8480, 30.1479,
-103.3527

225.6980, 14.4459,
-60.2481

131.1670, 32.9487,
-115.0335

235.2660, 9.7289,
-40.5753

112.2400, 28.9687,
-98.4345

244.5350, 5.1592,
-21.5172

93.9000, 24.6993,
-82.3503

253.8040, 0.5896,
-2.4591

75.7880, 21.3035,
-66.4661

58.2630, 17.6183,
-51.0967

41.4390, 14.0806,

-36.3420

■ 27.1910, 10.2588,
-23.8465

■ 3.7790, 11.9410,
-3.3142

■ 198.0340, 28.0842,
-94.7458

■ 198.0340, 28.0842,
-94.7458

■ 189.3850, 32.3482,
-109.0856

■ 206.9820, 23.6729,
-79.7912

■ 180.4370, 36.7596,
-124.0402

■ 215.6310, 19.4089,
-65.4514

■ 171.7880, 41.0235,
-138.3801

■ 224.5790, 14.9976,
-50.4968

■ 167.0150, 43.3766,
-146.4722

■ 233.2280, 10.7336,
-36.1570

■ 242.1760, 6.3222,
-21.2024

■ 250.8250, 2.0583,
-6.8625

255.0000, 0.0000,
0.0000

Harmonies

Analogous

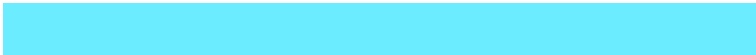
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.1560, 6.3321, -71.1738



198.0340, 28.0842, -94.7458



200.4810, 26.8779, -81.1058

Triad

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



198.0340, 28.0842, -94.7458



222.7150, 15.9165, 28.3139



219.8440, -36.8981, 28.2008

Complementary

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



198.0340, 28.0842, -94.7458



146.9660, -28.0842, 94.7458

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.



214.7060, -27.4631, 35.3378



198.0340, 28.0842, -94.7458



215.4140, 5.7119, 34.7169

Square

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



198.0340, 28.0842, -94.7458



220.1800, 17.1663, 0.7191



212.2560, -11.4652, 37.4865



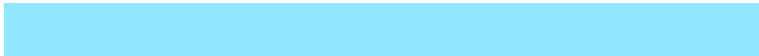
215.8400, -30.9801, -3.3677

Rectangle

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



198.0340, 28.0842, -94.7458



207.7230, 23.3076, -55.8851



212.2560, -11.4652, 37.4865



218.7350, -34.8724, 31.8044

Sweetspot

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



198.0340, 28.0842, -94.7458



238.3000, 8.2331, -27.4501



188.1090, -42.9447, -86.0416



117.2690, 5.2904, -16.8989



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.



198.0340, 28.0842, -94.7458



186.1070, 33.9642, -114.1038



151.0740, 51.2355, -53.5619



122.9390, 2.4951, -6.9625



125.0860, 32.4956, -109.7004



41.9290, 10.8810, -36.7717

Inverse Universe

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



156.6630, 42.0711, 86.2415



136.3630, 50.6000, 104.0446



194.5130, -51.5249, 53.0471



120.1410, 2.8885, 6.8923



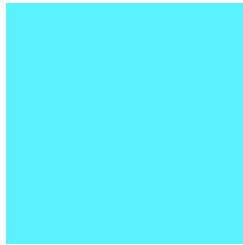
77.1730, 48.7217, 99.8263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 198.0340, 28.0842, -94.7458 looks on a white background.

Color Contrast Check

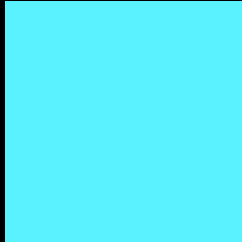
Large Text (above 18pt) WCAG AA × Fail

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 198.0340, 28.0842, -94.7458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

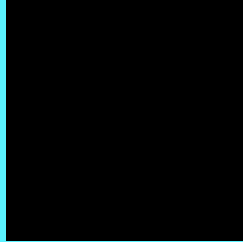
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0340, 28.0842, -94.7458

Background



This preview shows how black text looks on a background with the YUV color 198.0340, 28.0842, -94.7458.



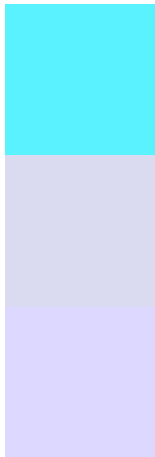
This preview shows how white text looks on a background with the YUV color 198.0340, 28.0842, -94.7458.

-94.7458.

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

198.0340, 28.0842, -94.7458

Protanopia

221.0950, 9.3202, -2.7143

Deuteranopia

221.9410, 16.2981, -0.8253



Tritanopia

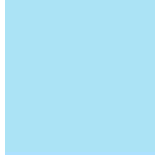
205.5530, 24.3774, -72.3990

Trichromacy



Original Color

198.0340, 28.0842, -94.7458



Protanomaly

212.3080, 16.1172, -36.2271



Deuteranomaly

212.8720, 20.7691, -34.9677



Tritanomaly

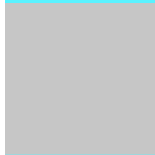
202.5520, 25.8569, -80.2911

Monochromacy



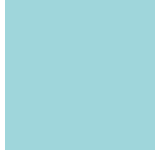
Original Color

198.0340, 28.0842, -94.7458



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.1250, 10.2914, -34.3126

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0340, 28.0842, -94.7458 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(90, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 242, 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(90, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 198.0340, 28.0842, -94.7458 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(90, 242, 255) }
```


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

```
.border{ border-color:rgb(90, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 198.0340, 28.0842, -94.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 242, 255) }
```

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

```
.background{ background-color: rgb(90, 242,  
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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