

Converting Colors

YUV(198.1370, 25.5685,
-34.3231)

Have a look what the booklet for
YUV(198.1370, 25.5685, -34.3231)
contains.

YUV(198.1370, 25.5685, -34.3231)	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(198.1370, 25.5685,
-34.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD0FA
RGB	159, 208, 250
RGB Percent	62%, 82%, 98%
CMY	0.3765, 0.1843, 0.0196
CMYK	0.36, 0.17, 0.00, 0.02
HSL	208°, 90%, 80%
HSV	208°, 36%, 98%
XYZ	54.1093, 59.3848, 99.0530
YIQ	198.1370, -42.6860, 2.6740

Conversions

Conversions Part 2

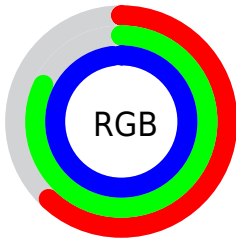
Format	Color
R_{YB}	159, 191, 250
Decimal	10473722
CIE _{Lab}	81.50, -5.88, -25.68
CIE _{LCh}	82, 26.346, 257.115
Yxy	59.3848, 0.2546, 0.2794
Android (android.graphics.Color)	4288663802 (0xFF9FD0FA)
YUV	198.1370, 25.5685, -34.3231
Hunter-Lab	77.0615, -9.5227, -22.2669

Details

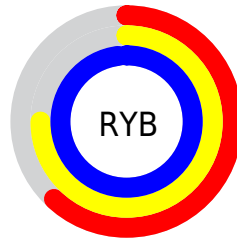
The YUV color **198.1370, 25.5685, -34.3231** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.8630, -25.5685, 34.3231**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **143.4960, 24.4055, -34.6380** is the 20% darker color. If you saturate the color by 10%, you get **183.6180, 32.7263, -43.5150**, and if you desaturate by 10%, it is **212.6560, 18.4106, -25.1313**.

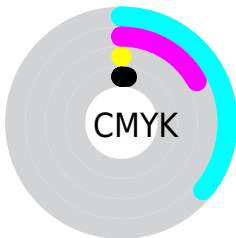
Distribution



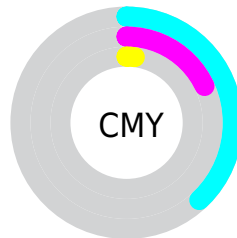
- Red (62%)
- Green (82%)
- Blue (98%)



- Red (62%)
- Yellow (75%)
- Blue (98%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1370, 25.5685, -34.3231 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 198.1370, 25.5685, -34.3231 by changing the saturation by 10% instead.

■ 198.1370, 25.5685,
-34.3231

■ 198.1370, 25.5685,
-34.3231

255.0000, 0.0000,
0.0000

■ 170.0230, 25.1317,
-34.2232

■ 243.3390, 5.7489,
-23.9763

■ 143.4960, 24.4055,
-34.6380

■ 252.0100, 1.4741,
-6.1478

■ 117.0830, 24.1161,
-35.1528

■ 90.7730, 24.2689,
-37.5119

■ 62.9570, 25.1642,
-44.6893

■ 43.0180, 22.6691,
-37.7268

■ 28.0690, 18.7000,

-24.6165

■ 12.6470, 15.4570,
-11.0914

■ 3.0950, 9.3202,
-2.7143

■ 198.1370, 25.5685,
-34.3231

■ 198.1370, 25.5685,
-34.3231

■ 183.6180, 32.7263,
-43.5150

■ 212.6560, 18.4106,
-25.1313

■ 169.6860, 39.5948,
-53.2216

■ 226.5880, 11.5421,
-15.4247

■ 155.1670, 46.7527,
-62.4135

■ 241.1070, 4.3842,
-6.2328

■ 141.2350, 53.6211,
-72.1201

■ 253.8430, -1.8946,
1.0147

■ 126.7160, 60.7790,
-81.3119

■ 254.4300, -2.1840,
0.4999

■ 112.7840, 67.6475,
-91.0186

■ 107.7450, 70.1317,
-94.4924

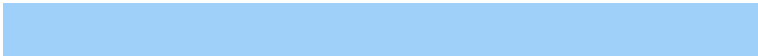
Harmonies

Analogous

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



193.4140, 21.9809, -50.3521



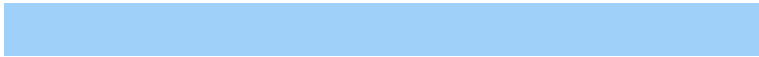
198.1370, 25.5685, -34.3231



203.1940, 22.5824, -9.8171

Triad

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



198.1370, 25.5685, -34.3231



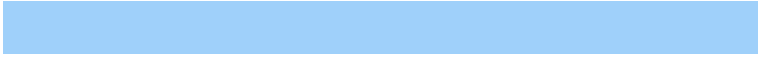
205.7880, -8.2765, 41.4049



196.8180, -14.2073, -16.5034

Complementary

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



198.1370, 25.5685, -34.3231



210.8630, -25.5685, 34.3231

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.



199.5990, -21.9873, 5.6137



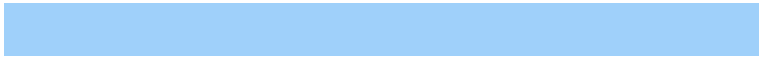
198.1370, 25.5685, -34.3231



204.7200, -18.5960, 37.9566

Square

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



198.1370, 25.5685, -34.3231



206.8330, 3.5333, 33.4725



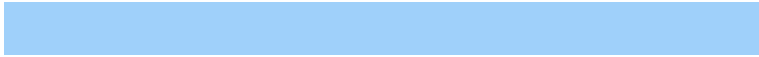
202.3780, -23.3574, 25.1015



193.7150, -1.3385, -37.4611

Rectangle

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



198.1370, 25.5685, -34.3231



205.4520, 18.0182, 7.4966



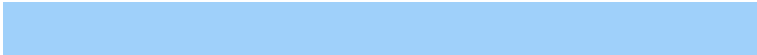
202.3780, -23.3574, 25.1015



198.0640, -17.2866, -8.8261

Sweetspot

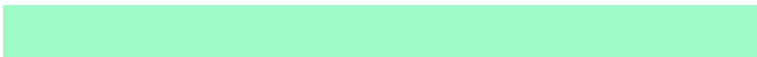
The Sweet Spot groups the original color and five complimentary colors.



198.1370, 25.5685, -34.3231



238.9970, 7.8895, -10.5214



217.0910, -8.4259, -50.9458



118.2210, 4.8210, -6.3328



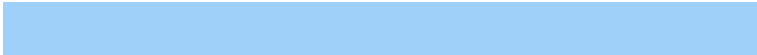
0.0000, 0.0000, 0.0000



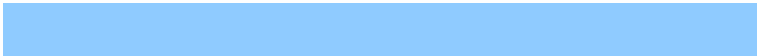
128.0000, 0.0000, 0.0000

Same Dimension

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



198.1370, 25.5685, -34.3231



190.9880, 31.5579, -42.0855



172.3090, 38.3017, -11.6720



117.5910, 3.6526, -4.9033



81.4200, 53.0369, -71.4053



26.3250, 17.0948, -23.0870

Inverse Universe

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



191.7950, 7.9891, 51.0458



183.3280, 9.6983, 62.8563



236.6910, -38.3017, 11.6720



116.6850, 1.1413, 7.2923



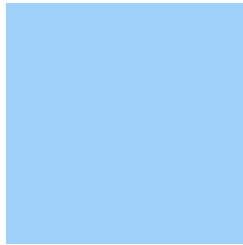
68.1390, 16.6935, 105.9951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 198.1370, 25.5685, -34.3231 looks on a white background.

Color Contrast Check

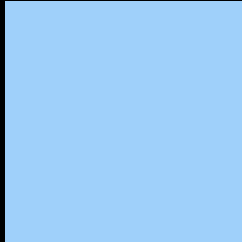
Large Text (above 18pt) WCAG AA × Fail

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 198.1370, 25.5685, -34.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

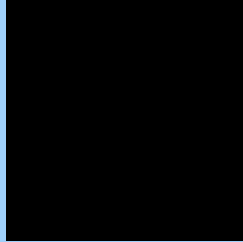
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

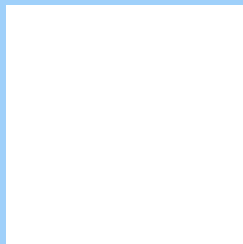
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.1370, 25.5685, -34.3231

Background



This preview shows how black text looks on a background with the YUV color 198.1370, 25.5685, -34.3231.



This preview shows how white text looks on a background with the YUV color 198.1370, 25.5685, -34.3231.

-34.3231.

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

198.1370, 25.5685, -34.3231

Protanopia

202.6240, 20.3984, -9.3172

Deuteranopia

203.5580, 23.8819, -6.6284



Tritanopia

196.5960, 15.9752, -37.3567

Trichromacy



Original Color

198.1370, 25.5685, -34.3231

Protanomaly

201.0250, 22.1727, -18.4389

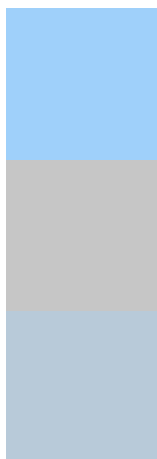
Deuteranomaly

201.9050, 24.2038, -16.5797

Tritanomaly

197.5190, 19.4641, -36.4122

Monochromacy



Original Color

198.1370, 25.5685, -34.3231

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.3280, 9.2053, -12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1370, 25.5685, -34.3231 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(159, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(159, 208, 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(159, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 208, 250) }
```

Border

The CSS property to change the border of an element to YUV 198.1370, 25.5685, -34.3231 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(159, 208, 250) }
```


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

```
.border{ border-color:rgb(159, 208, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(159, 208,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 198.1370, 25.5685, -34.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 208, 250) }
```

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

```
.background{ background-color: rgb(159,  
208, 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](#).

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