

Converting Colors

YUV(198.8600, 25.7050,
-31.4492)

Have a look what the booklet for
YUV(198.8600, 25.7050, -31.4492)
contains.

YUV(198.8600, 25.7050, -31.4492)	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(198.8600, 25.7050,
-31.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CFFB
RGB	163, 207, 251
RGB Percent	64%, 81%, 98%
CMY	0.3608, 0.1882, 0.0157
CMYK	0.35, 0.18, 0.00, 0.02
HSL	210°, 92%, 81%
HSV	210°, 35%, 98%
XYZ	54.8297, 59.3772, 99.8379
YIQ	198.8600, -40.3480, 4.3560

Conversions

Conversions Part 2

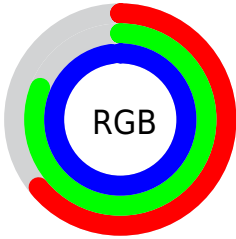
Format	Color
RYB	163, 192, 251
Decimal	10735611
CIELab	81.50, -4.03, -26.20
CIELCh	81, 26.508, 261.263
Yxy	59.3772, 0.2562, 0.2774
Android (android.graphics.Color)	4288925691 (0xFFA3CFFB)
YUV	198.8600, 25.7050, -31.4492
Hunter-Lab	77.0566, -7.8373, -22.8791

Details

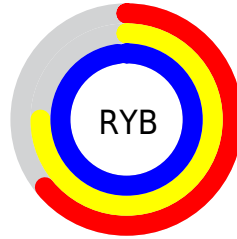
The YUV color **198.8600, 25.7050, -31.4492** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **215.1400, -25.7050, 31.4492**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **144.2190, 24.5420, -31.7641** is the 20% darker color. If you saturate the color by 10%, you get **183.7540, 33.1523, -40.1263**, and if you desaturate by 10%, it is **213.9660, 18.2578, -22.7722**.

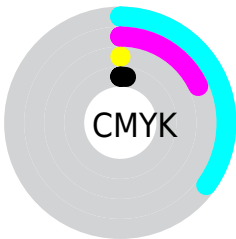
Distribution



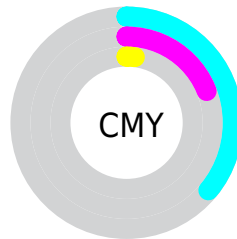
- Red (64%)
- Green (81%)
- Blue (98%)



- Red (64%)
- Yellow (75%)
- Blue (98%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8600, 25.7050, -31.4492 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 198.8600, 25.7050, -31.4492 by changing the saturation by 10% instead.

■ 198.8600, 25.7050,
-31.4492

■ 198.8600, 25.7050,
-31.4492

255.0000, 0.0000,
0.0000

■ 171.3330, 24.9788,
-31.8640

■ 244.5350, 5.1592,
-21.5172

■ 144.2190, 24.5420,
-31.7641

■ 253.2060, 0.8844,
-3.6887

■ 117.8060, 24.2526,
-32.2789

■ 92.0940, 24.1107,
-33.4084

■ 65.4740, 24.4163,
-38.1267

■ 42.5450, 23.3953,
-37.3120

■ 27.4820, 18.9894,

-24.1017

■ 12.0600, 15.7464,
-10.5766

■ 3.2090, 9.7570,
-2.8143

■ 198.8600, 25.7050,
-31.4492

■ 198.8600, 25.7050,
-31.4492

■ 183.7540, 33.1523,
-40.1263

■ 213.9660, 18.2578,
-22.7722

■ 169.2350, 40.3101,
-49.3181

■ 228.4850, 11.0999,
-13.5803

■ 154.1290, 47.7574,
-57.9951

■ 243.5910, 3.6526,
-4.9033

■ 139.6100, 54.9153,
-67.1870

■ 254.5440, -1.7472,
0.3999

■ 124.2050, 62.5099,
-76.4788

■ 109.6860, 69.6678,
-85.6706

■ 102.5760, 73.1730,
-89.9592

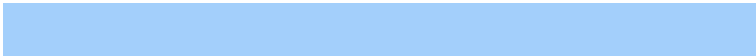
Harmonies

Analogous

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



193.3540, 22.9965, -49.4225



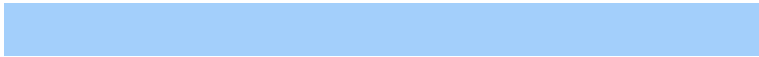
198.8600, 25.7050, -31.4492



204.1020, 22.1347, -6.2285

Triad

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



198.8600, 25.7050, -31.4492



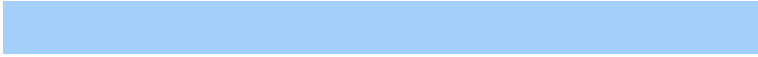
205.7450, -9.7343, 42.3196



196.5510, -12.5966, -19.7772

Complementary

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



198.8600, 25.7050, -31.4492



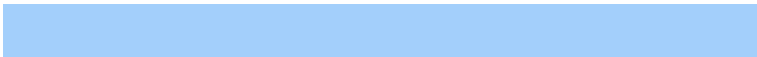
215.1400, -25.7050, 31.4492

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.



199.1040, -21.2503, 2.5398



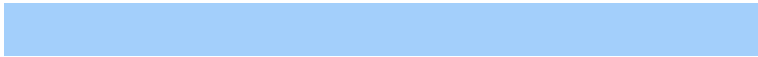
198.8600, 25.7050, -31.4492



203.8940, -19.1747, 36.9270

Square

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



198.8600, 25.7050, -31.4492



206.5020, 2.2175, 35.5167



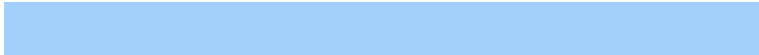
201.9540, -23.6413, 22.8423



193.1600, 0.4141, -39.6053

Rectangle

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



198.8600, 25.7050, -31.4492



205.8330, 16.8443, 10.6705



201.9540, -23.6413, 22.8423



197.6830, -16.1127, -12.0000

Sweetspot

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



198.8600, 25.7050, -31.4492



238.4100, 8.1789, -10.0066



219.6720, -6.2473, -49.7013



117.6340, 5.1104, -5.8180



0.0000, 0.0000, 0.0000



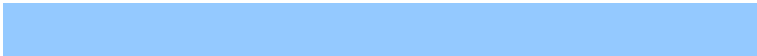
128.0000, 0.0000, 0.0000

Same Dimension

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



198.8600, 25.7050, -31.4492



191.3090, 31.3997, -37.9820



173.0320, 38.4382, -8.7981



117.5910, 3.6526, -4.9033



76.7240, 55.3521, -67.2869



25.1510, 17.6736, -22.0574

Inverse Universe

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



194.3280, 6.2473, 49.7013



186.0350, 7.3777, 60.4823



240.9680, -38.4382, 8.7981



116.6850, 1.1413, 7.2923



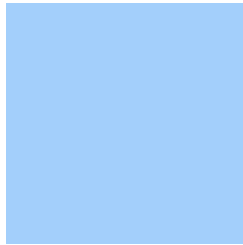
67.2270, 13.1991, 106.7949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 198.8600, 25.7050, -31.4492 looks on a white background.

Color Contrast Check

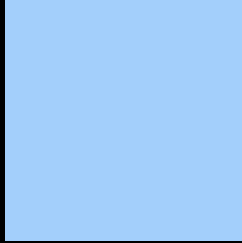
Large Text (above 18pt) WCAG AA × Fail

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 198.8600, 25.7050, -31.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

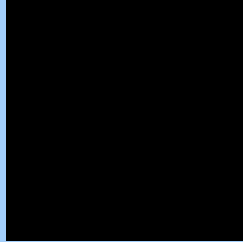
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

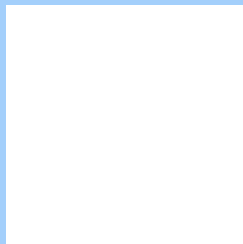
Any Text WCAG AAA ✓ Pass

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

YUV 198.8600, 25.7050, -31.4492 Background



This preview shows how black text looks on a background with the YUV color 198.8600, 25.7050, -31.4492.



This preview shows how white text looks on a background with the YUV color 198.8600, 25.7050, -31.4492.

-31.4492.

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

198.8600, 25.7050, -31.4492

Protanopia

202.8520, 21.2720, -9.5172

Deuteranopia

203.3730, 24.4661, -7.3431



Tritanopia

196.7920, 15.3855, -34.8976

Trichromacy



Original Color

198.8600, 25.7050, -31.4492

Protanomaly

201.5520, 22.8989, -18.0241

Deuteranomaly

201.4320, 24.9300, -16.1649

Tritanomaly

197.7150, 18.8745, -33.9531

Monochromacy



Original Color

198.8600, 25.7050, -31.4492

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8600, 25.7050, -31.4492 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(163, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(163, 207, 251)  
}
```

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(163, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 207, 251) }
```

Border

The CSS property to change the border of an element to YUV 198.8600, 25.7050, -31.4492 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(163, 207, 251) }
```


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

```
.border{ border-color:rgb(163, 207, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(163, 207,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 198.8600, 25.7050, -31.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 207, 251) }
```

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

```
.background{ background-color: rgb(163,  
207, 251) }
```

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