

Converting Colors

YUV(193.4930, 18.9840,
-22.3574)

Have a look what the booklet for
YUV(193.4930, 18.9840, -22.3574)
contains.

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Color

**YUV(193.4930, 18.9840,
-22.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C7E8
RGB	168, 199, 232
RGB Percent	66%, 78%, 91%
CMY	0.3412, 0.2196, 0.0902
CMYK	0.28, 0.14, 0.00, 0.09
HSL	211°, 58%, 78%
HSV	211°, 28%, 91%
XYZ	51.1374, 54.9979, 84.2644
YIQ	193.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

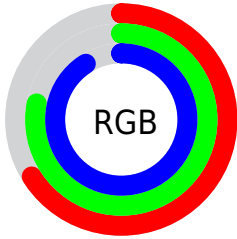
Format	Color
R _Y B	168, 189, 232
Decimal	11061224
CIE Lab	79.04, -2.99, -19.76
CIE LCh	79, 19.985, 261.394
Yxy	54.9979, 0.2686, 0.2889
Android (android.graphics.Color)	4289251304 (0xFFA8C7E8)
YUV	193.4930, 18.9840, -22.3574
Hunter-Lab	74.1606, -6.6964, -15.4554

Details

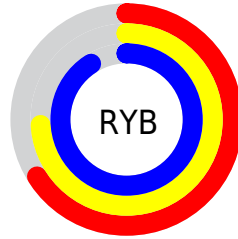
The YUV color **193.4930, 18.9840, -22.3574** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **206.5070, -18.9840, 22.3574**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **139.2650, 18.1104, -22.1574** is the 20% darker color. If you saturate the color by 10%, you get **179.5720, 25.8470, -30.3196**, and if you desaturate by 10%, it is **207.4140, 12.1209, -14.3951**.

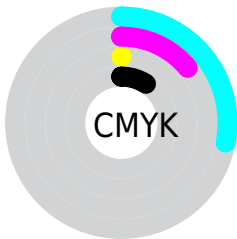
Distribution



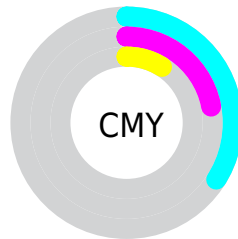
- Red (66%)
- Green (78%)
- Blue (91%)



- Red (66%)
- Yellow (74%)
- Blue (91%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4930, 18.9840, -22.3574 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 193.4930, 18.9840, -22.3574 by changing the saturation by 10% instead.

■ 193.4930, 18.9840,
-22.3574

■ 193.4930, 18.9840,
-22.3574

255.0000, 0.0000,
0.0000

■ 166.3790, 18.5472,
-22.2574

■ 245.7310, 4.5696,
-19.0581

■ 139.2650, 18.1104,
-22.1574

■ 254.4020, 0.2948,
-1.2296

■ 114.1510, 17.6736,
-22.0574

■ 88.7380, 17.3842,
-22.5722

■ 64.3250, 17.0948,
-23.0870

■ 40.0040, 17.2530,
-27.1905

■ 22.3640, 14.6105,

-19.6132

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 193.4930, 18.9840,
-22.3574

■ 193.4930, 18.9840,
-22.3574

■ 179.5720, 25.8470,
-30.3196

■ 207.4140, 12.1209,
-14.3951

■ 165.6510, 32.7101,
-38.2819

■ 221.3350, 5.2578,
-6.4328

■ 151.4310, 39.7205,
-46.8590

■ 235.5550, -1.7526,
2.1443

■ 137.5100, 46.5836,
-54.8213

■ 247.6820, -7.7312,
6.4179

■ 123.5890, 53.4466,
-62.7836

■ 252.3780,
-10.0464, 2.2995

■ 109.6680, 60.3097,
-70.7458

■ 95.7470, 67.1727,
-78.7081

■ 92.1920, 68.9253,
-80.8524

Harmonies

Analogous

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



190.1340, 16.6959, -35.1975



193.4930, 18.9840, -22.3574



196.9190, 16.3089, -4.3140

Triad

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



193.4930, 18.9840, -22.3574



198.5480, -7.6652, 31.9684



191.6810, -9.7027, -14.6292

Complementary

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



193.4930, 18.9840, -22.3574



206.5070, -18.9840, 22.3574

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.



193.7710, -16.1561, 1.9548



193.4930, 18.9840, -22.3574



197.2780, -14.9271, 27.8202

Square

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



193.4930, 18.9840, -22.3574



199.2190, 1.3710, 26.9949



195.7020, -18.0941, 16.9243



189.1120, -0.0552, -29.0392

Rectangle

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



193.4930, 18.9840, -22.3574



198.6710, 12.4872, 8.1815



195.7020, -18.0941, 16.9243



192.0300, -12.3398, -8.7963

Sweetspot

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



193.4930, 18.9840, -22.3574



242.5630, 6.1314, -6.6328



209.2160, -4.5435, -36.1464



120.0040, 3.9420, -4.3885



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.



193.4930, 18.9840, -22.3574



204.6430, 24.8260, -29.5049



175.2960, 27.9551, -6.3986



107.8900, 3.5052, -4.2885



70.8880, 53.2992, -62.1688



20.4890, 15.0419, -17.9689

Inverse Universe

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



190.6700, 4.1067, 36.2464



200.7900, 5.5265, 47.5422



224.7040, -27.9551, 6.3986



107.2720, 0.8519, 6.7775



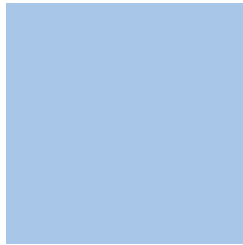
63.3250, 11.1788, 101.4470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 193.4930, 18.9840, -22.3574 looks on a white background.

Color Contrast Check

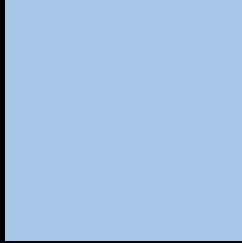
Large Text (above 18pt) WCAG AA × Fail

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 193.4930, 18.9840, -22.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

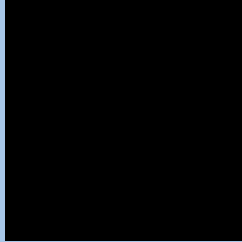
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

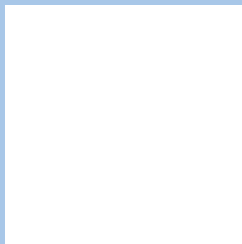
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.4930, 18.9840, -22.3574

Background



This preview shows how black text looks on a background with the YUV color 193.4930, 18.9840, -22.3574.



This preview shows how white text looks on a background with the YUV color 193.4930, 18.9840, -22.3574.

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

193.4930, 18.9840, -22.3574

Protanopia

196.3810, 15.5882, -6.4731

Deuteranopia

197.0980, 18.1927, -1.8399



Tritanopia

192.1740, 12.7322, -23.8316

Trichromacy



Original Color

193.4930, 18.9840, -22.3574

Protanomaly

195.2770, 16.6254, -12.5209

Deuteranomaly

195.7550, 18.3618, -9.4321

Tritanomaly

192.4560, 15.0582, -23.2019

Monochromacy



Original Color

193.4930, 18.9840, -22.3574

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4930, 18.9840, -22.3574 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(168, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(168, 199, 232)  
}
```

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(168, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 232) }
```

Border

The CSS property to change the border of an element to YUV 193.4930, 18.9840, -22.3574 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(168, 199, 232) }
```


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

```
.border{ border-color:rgb(168, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(168, 199,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 193.4930, 18.9840, -22.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 232) }
```

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

```
.background{ background-color: rgb(168,  
199, 232) }
```

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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