

Converting Colors

YUV(198.5520, 19.4479,
-31.1791)

Have a look what the booklet for
YUV(198.5520, 19.4479, -31.1791)
contains.

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Color

**YUV(198.5520, 19.4479,
-31.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D1EE
RGB	163, 209, 238
RGB Percent	64%, 82%, 93%
CMY	0.3608, 0.1804, 0.0667
CMYK	0.32, 0.12, 0.00, 0.07
HSL	203°, 69%, 79%
HSV	203°, 32%, 93%
XYZ	53.3373, 59.5605, 89.5741
YIQ	198.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

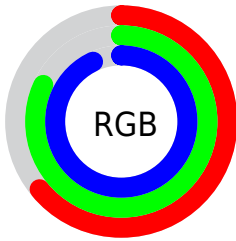
Format	Color
RYB	163, 192, 238
Decimal	10736110
CIELab	81.60, -8.27, -19.13
CIELCh	82, 20.838, 246.619
Yxy	59.5605, 0.2634, 0.2942
Android (android.graphics.Color)	4288926190 (0xFFA3D1EE)
YUV	198.5520, 19.4479, -31.1791
Hunter-Lab	77.1755, -11.6925, -14.7924

Details

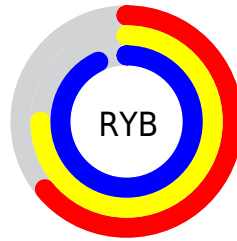
The YUV color **198.5520, 19.4479, -31.1791** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.4480, -19.4479, 31.1791**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, 5.3067, -22.1320**, and **144.3240, 18.5743, -30.9791** is the 20% darker color. If you saturate the color by 10%, you get **186.0930, 25.5902, -41.3006**, and if you desaturate by 10%, it is **211.0110, 13.3056, -21.0576**.

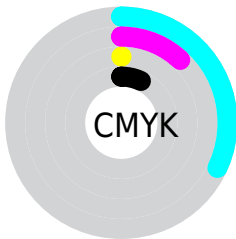
Distribution



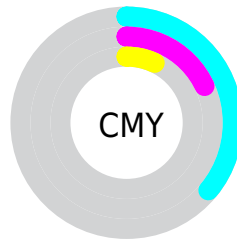
- Red (64%)
- Green (82%)
- Blue (93%)



- Red (64%)
- Yellow (75%)
- Blue (93%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5520, 19.4479, -31.1791 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 198.5520, 19.4479, -31.1791 by changing the saturation by 10% instead.

■ 198.5520, 19.4479,
-31.1791

■ 198.5520, 19.4479,
-31.1791

255.0000, 0.0000,
0.0000

■ 170.8510, 19.3005,
-30.5643

■ 244.2360, 5.3067,
-22.1320

■ 144.3240, 18.5743,
-30.9791

■ 253.2060, 0.8844,
-3.6887

■ 117.9110, 18.2849,
-31.4939

■ 92.4980, 17.9955,
-32.0087

■ 67.1880, 18.1483,
-34.3679

■ 42.5790, 18.4486,
-37.3418

■ 27.0430, 14.7688,

-23.7167

■ 11.6210, 11.5258,
-10.1916

■ 1.2540, 4.8048,
-1.0998

■ 198.5520, 19.4479,
-31.1791

■ 198.5520, 19.4479,
-31.1791

■ 186.0930, 25.5902,
-41.3006

■ 211.0110, 13.3056,
-21.0576

■ 173.6340, 31.7324,
-51.4220

■ 223.4700, 7.1633,
-10.9362

■ 160.8870, 38.0167,
-60.4139

■ 236.2170, 0.8790,
-1.9443

■ 148.4280, 44.1590,
-70.5354

■ 247.7790, -4.8210,
6.3328

■ 135.9690, 50.3013,
-80.6568

■ 253.0620, -7.4256,
1.6996

■ 123.5100, 56.4436,
-90.7783

■ 112.8340, 61.7068,
-98.9554

Harmonies

Analogous

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



195.8300, 14.3808, -39.3159



198.5520, 19.4479, -31.1791



202.2490, 19.1042, -14.2504

Triad

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



198.5520, 19.4479, -31.1791



206.2860, -3.5920, 32.1982



199.5850, -14.0924, -6.6520

Complementary

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



198.5520, 19.4479, -31.1791



202.4480, -19.4479, 31.1791

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.



201.8430, -18.6566, 10.6617



198.5520, 19.4479, -31.1791



204.9950, -12.3225, 32.4534

Square

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



198.5520, 19.4479, -31.1791



206.4510, 6.1867, 22.4065



203.5720, -17.5370, 24.9314



197.1790, -5.0182, -23.8360

Rectangle

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



198.5520, 19.4479, -31.1791



204.9410, 16.2981, -0.8253



203.5720, -17.5370, 24.9314



200.1620, -15.8559, -1.0191

Sweetspot

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



198.5520, 19.4479, -31.1791



242.8400, 5.9949, -9.5067



210.3310, -9.0372, -41.5093



119.9930, 3.9475, -6.1329



0.0000, 0.0000, 0.0000



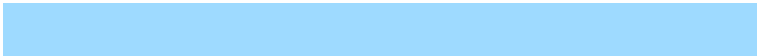
128.0000, 0.0000, 0.0000

Same Dimension

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



198.5520, 19.4479, -31.1791



204.2780, 25.0059, -40.5858



176.8330, 30.1553, -12.1315



113.4770, 3.2158, -4.8033



87.3070, 47.6696, -76.5682



26.3420, 14.6214, -23.1019

Inverse Universe

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



190.6690, 9.0372, 41.5093



193.8430, 11.9094, 53.6347



224.1670, -30.1553, 12.1315



112.3860, 1.2887, 6.6775



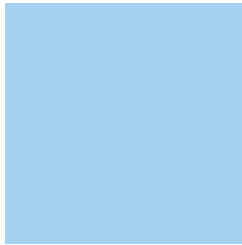
67.8980, 22.2353, 101.8215



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 198.5520, 19.4479, -31.1791 looks on a white background.

Color Contrast Check

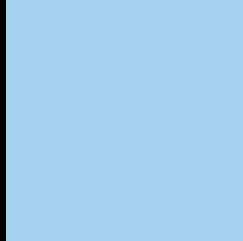
Large Text (above 18pt) WCAG AA × Fail

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 198.5520, 19.4479, -31.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

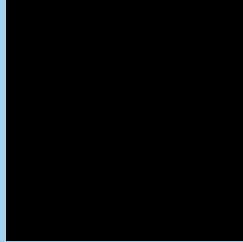
Any Text WCAG AA ✓ Pass

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 198.5520, 19.4479, -31.1791 Background



This preview shows how black text looks on a background with the YUV color 198.5520, 19.4479, -31.1791.



This preview shows how white text looks on a background with the YUV color 198.5520, 19.4479, -31.1791.

-31.1791.

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

198.5520, 19.4479, -31.1791

Protanopia

203.3380, 14.1304, -5.5584

Deuteranopia

204.2830, 17.6085, -1.1252



Tritanopia

197.9880, 14.7959, -32.4385

Trichromacy



Original Color

198.5520, 19.4479, -31.1791

Protanomaly

201.7390, 15.9047, -14.6801

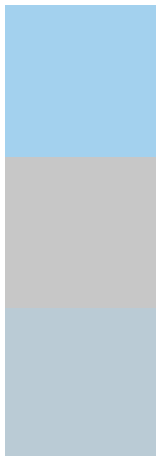
Deuteranomaly

202.0320, 18.2252, -12.3061

Tritanomaly

198.1560, 16.6851, -31.7088

Monochromacy



Original Color

198.5520, 19.4479, -31.1791

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5520, 19.4479, -31.1791 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, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(163, 209, 238)  
}
```

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, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 209, 238) }
```

Border

The CSS property to change the border of an element to YUV 198.5520, 19.4479, -31.1791 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, 209, 238) }
```


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

```
.border{ border-color:rgb(163, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 209, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 209, 238); box-shadow:4px 4px 4px 4px rgb(163, 209, 238) }
```

Background

The CSS property to change the background color of an element to YUV 198.5520, 19.4479, -31.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 209, 238) }
```

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

```
.background{ background-color: rgb(163,  
209, 238) }
```

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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