

Converting Colors

YUV(198.1900, 21.5983,
-67.6956)

Have a look what the booklet for
YUV(198.1900, 21.5983, -67.6956)
contains.

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Color

**YUV(198.1900, 21.5983,
-67.6956)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 79E5F2 |
| RGB | 121, 229, 242 |
| RGB Percent | 47%, 90%, 95% |
| CMY | 0.5255, 0.1020, 0.0510 |
| CMYK | 0.50, 0.05, 0.00, 0.05 |
| HSL | 186°, 82%, 71% |
| HSV | 186°, 50%, 95% |
| XYZ | 51.9315, 66.5144, 94.1059 |
| YIQ | 198.1900, -68.5410, -18.8530 |

Conversions

Conversions Part 2

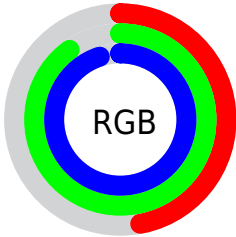
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 121, 178, 242 |
| Decimal | 7988722 |
| CIE _{Lab} | 85.26, -27.70, -15.93 |
| CIE _{LCh} | 85, 31.951, 209.898 |
| Yxy | 66.5144, 0.2443, 0.3129 |
| Android (android.graphics.Color) | 4286178802 (0xFF79E5F2) |
| YUV | 198.1900, 21.5983, -67.6956 |
| Hunter-Lab | 81.5563, -29.0627, -11.3238 |

Details

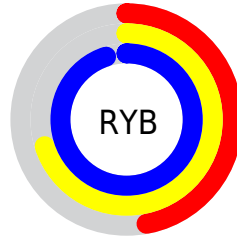
The YUV color **198.1900, 21.5983, -67.6956** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **164.8100, -21.5983, 67.6956**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **139.7980, 22.7776, -72.6138** is the 20% darker color. If you saturate the color by 10%, you get **189.2530, 26.0043, -80.9059**, and if you desaturate by 10%, it is **207.1270, 17.1924, -54.4854**.

Distribution



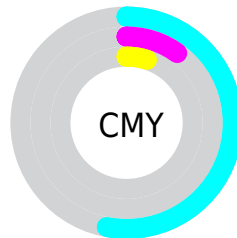
- Red (47%)
- Green (90%)
- Blue (95%)



- Red (47%)
- Yellow (70%)
- Blue (95%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1900, 21.5983, -67.6956 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 198.1900, 21.5983, -67.6956 by changing the saturation by 10% instead.

198.1900, 21.5983,
-67.6956

198.1900, 21.5983,
-67.6956

255.0000, 0.0000,
0.0000

169.2930, 22.0406,
-69.5400

232.8740, 10.9081,
-45.4935

139.7980, 22.7776,
-72.6138

241.5450, 6.6333,
-27.6650

103.8280, 27.1998,
-91.0572

250.8140, 2.0637,
-8.6069

85.6020, 23.3672,
-75.0730

68.0770, 19.6820,
-59.7035

51.1390, 15.7075,
-44.8489

35.0160, 12.3171,

-30.7090

■ 20.7680, 8.4954,
-18.2135

■ 2.5250, 7.1362,
-2.2144

■ 198.1900, 21.5983,
-67.6956

■ 198.1900, 21.5983,
-67.6956

■ 189.2530, 26.0043,
-80.9059

■ 207.1270, 17.1924,
-54.4854

■ 180.9030, 30.1208,
-94.6309

■ 215.4770, 13.0758,
-40.7603

■ 171.6670, 34.6742,
-108.4560

■ 224.7130, 8.5225,
-26.9353

■ 163.3170, 38.7907,
-122.1810

■ 233.0630, 4.4059,
-13.2103

■ 154.3800, 43.1967,
-135.3913

■ 242.0000, 0.0000,
0.0000

■ 247.6480, -2.7845,
6.4477

■ 248.8220, -3.3632,
5.4181

■ 250.5830, -4.2314,
3.8737

■ 251.7570, -4.8102,
2.8441

Harmonies

Analogous

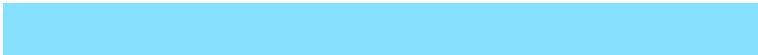
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.8420, 5.9939, -55.9894



198.1900, 21.5983, -67.6956



201.2220, 26.5126, -57.1997

Triad

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



198.1900, 21.5983, -67.6956



218.2160, 12.7115, 29.6286



211.5640, -28.8721, 20.5534

Complementary

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



198.1900, 21.5983, -67.6956



164.8100, -21.5983, 67.6956

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.



212.7000, -24.9951, 37.0971



198.1900, 21.5983, -67.6956



212.7580, 0.6123, 37.0462

Square

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



198.1900, 21.5983, -67.6956



214.2880, 20.0710, 2.3784



210.5120, -13.0704, 39.0160



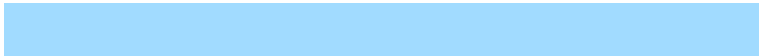
208.0770, -23.7020, -4.4525

Rectangle

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



198.1900, 21.5983, -67.6956



205.7620, 24.2743, -39.2563



210.5120, -13.0704, 39.0160



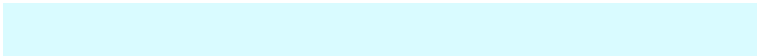
212.6080, -28.8937, 27.5308

Sweetspot

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



198.1900, 21.5983, -67.6956



241.2900, 6.7590, -21.3023



193.3950, -29.7747, -63.4904



119.3620, 4.2585, -12.5955



0.0000, 0.0000, 0.0000



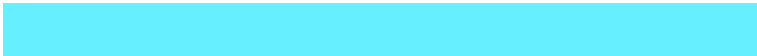
128.0000, 0.0000, 0.0000

Same Dimension

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



198.1900, 21.5983, -67.6956



199.8610, 27.1835, -85.8241



162.9700, 38.9618, -36.8077



115.8250, 2.0583, -6.8625



117.2440, 32.9107, -102.8230



35.7340, 9.9911, -31.3387

Inverse Universe

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



169.4910, 29.3379, 63.5904



163.3650, 37.2881, 80.3639



200.0300, -38.9618, 36.8077



112.8420, 3.0359, 6.2776



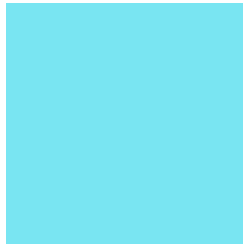
73.7120, 44.5120, 96.7226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 198.1900, 21.5983, -67.6956 looks on a white background.

Color Contrast Check

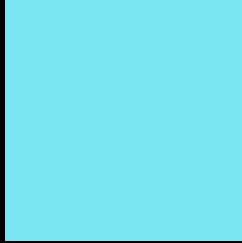
Large Text (above 18pt) WCAG AA × Fail

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 198.1900, 21.5983, -67.6956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

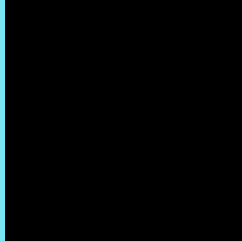
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.1900, 21.5983, -67.6956

Background



This preview shows how black text looks on a background with the YUV color 198.1900, 21.5983, -67.6956.



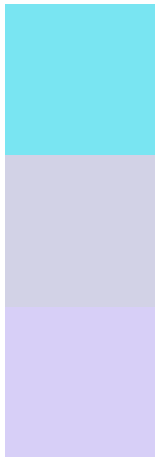
This preview shows how white text looks on a background with the YUV color 198.1900, 21.5983, -67.6956.

-67.6956.

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

198.1900, 21.5983, -67.6956

Protanopia

212.2800, 8.7360, -1.9996

Deuteranopia

213.9520, 16.2927, 0.9191



Tritanopia

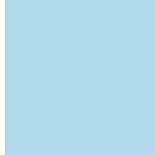
198.7710, 23.7769, -66.4512

Trichromacy



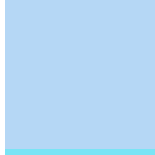
Original Color

198.1900, 21.5983, -67.6956



Protanomaly

207.2770, 13.1744, -25.6759



Deuteranomaly

208.2540, 18.1158, -23.9018



Tritanomaly

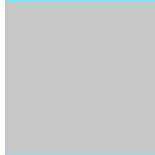
198.2440, 23.0507, -66.8660

Monochromacy



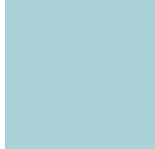
Original Color

198.1900, 21.5983, -67.6956



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.9090, 7.9329, -24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1900, 21.5983, -67.6956 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(121, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(121, 229, 242)  
}
```

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(121, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 229, 242) }
```

Border

The CSS property to change the border of an element to YUV 198.1900, 21.5983, -67.6956 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(121, 229, 242) }
```


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

```
.border{ border-color:rgb(121, 229, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 229, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 229, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 229, 242); box-shadow:4px 4px 4px 4px rgb(121, 229, 242) }
```

Background

The CSS property to change the background color of an element to YUV 198.1900, 21.5983, -67.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 229, 242) }
```

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

```
.background{ background-color: rgb(121,  
229, 242) }
```

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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