

Converting Colors

YUV(198.8570, 20.2835,
-19.1686)

Have a look what the booklet for
YUV(198.8570, 20.2835, -19.1686)
contains.

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Color

**YUV(198.8570, 20.2835,
-19.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CAF0
RGB	177, 202, 240
RGB Percent	69%, 79%, 94%
CMY	0.3059, 0.2078, 0.0588
CMYK	0.26, 0.16, 0.00, 0.06
HSL	216°, 68%, 82%
HSV	216°, 26%, 94%
XYZ	54.9802, 57.8794, 90.7122
YIQ	198.8570, -27.0980, 6.5180

Conversions

Conversions Part 2

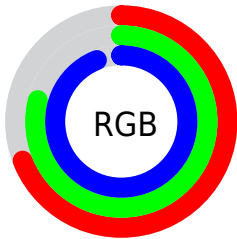
Format	Color
R_{YB}	177, 195, 240
Decimal	11651824
CIE Lab	80.67, -0.08, -21.52
CIE LCh	81, 21.516, 269.781
Yxy	57.8794, 0.2701, 0.2843
Android (android.graphics.Color)	4289841904 (0xFFB1CAF0)
YUV	198.8570, 20.2835, -19.1686
Hunter-Lab	76.0785, -4.1397, -17.4394

Details

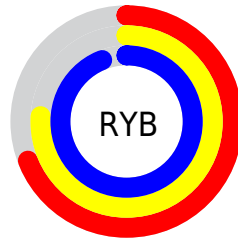
The YUV color **198.8570, 20.2835, -19.1686** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **218.1430, -20.2835, 19.1686**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, 3.0955, -12.9103**, and **144.6290, 19.4099, -18.9686** is the 20% darker color. If you saturate the color by 10%, you get **183.4630, 27.8727, -26.7161**, and if you desaturate by 10%, it is **214.2510, 12.6943, -11.6211**.

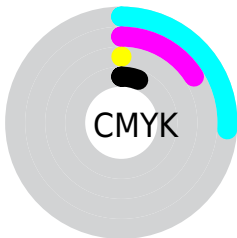
Distribution



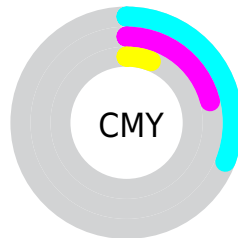
- Red (69%)
- Green (79%)
- Blue (94%)



- Red (69%)
- Yellow (76%)
- Blue (94%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.8570, 20.2835, -19.1686 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 198.8570, 20.2835, -19.1686 by changing the saturation by 10% instead.

■ 198.8570, 20.2835,
-19.1686

■ 198.8570, 20.2835,
-19.1686

255.0000, 0.0000,
0.0000

■ 171.7430, 19.8467,
-19.0686

■ 248.7210, 3.0955,
-12.9103

■ 144.6290, 19.4099,
-18.9686

■ 118.5150, 18.9731,
-18.8687

■ 93.9880, 18.2469,
-19.2835

■ 69.5750, 17.9575,
-19.7983

■ 45.4500, 17.5262,
-21.4426

■ 24.8090, 16.3632,

-21.7575

■ 7.1530, 14.7146,
-6.2732

■ 2.0690, 5.3890,
-1.8145

■ 198.8570, 20.2835,
-19.1686

■ 198.8570, 20.2835,
-19.1686

■ 183.4630, 27.8727,
-26.7161

■ 214.2510, 12.6943,
-11.6211

■ 167.4820, 35.7514,
-33.7487

■ 230.2320, 4.8156,
-4.5885

■ 152.0880, 43.3406,
-41.2962

■ 245.6260, -2.7736,
2.9590

■ 136.1070, 51.2192,
-48.3288

■ 253.2900, -6.5520,
1.4997

■ 120.7130, 58.8085,
-55.8763

■ 104.7320, 66.6871,
-62.9090

■ 89.3380, 74.2764,
-70.4564

■ 83.1250, 77.3394,
-72.9006

Harmonies

Analogous

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



195.1170, 19.1693, -35.1826



198.8570, 20.2835, -19.1686



202.2510, 16.1453, 1.5339

Triad

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



198.8570, 20.2835, -19.1686



202.7610, -10.7282, 34.4126



194.8050, -7.7919, -20.8770

Complementary

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



198.8570, 20.2835, -19.1686



218.1430, -20.2835, 19.1686

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.



197.1510, -15.8504, -2.7634



198.8570, 20.2835, -19.1686



201.2950, -17.4004, 27.8053

Square

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



198.8570, 20.2835, -19.1686



203.8560, -1.4080, 31.6983



199.6370, -19.5410, 14.3504



192.8770, 3.0186, -34.9721

Rectangle

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



198.8570, 20.2835, -19.1686



203.6610, 11.0131, 14.3293



199.6370, -19.5410, 14.3504



195.4530, -10.5763, -14.4293

Sweetspot

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



198.8570, 20.2835, -19.1686



241.9760, 6.4208, -6.1180



218.3130, -1.6333, -36.2315



119.4170, 4.2314, -3.8737



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.



198.8570, 20.2835, -19.1686



201.7190, 26.2675, -25.1866



185.9760, 26.6338, -2.6100



112.3030, 3.7946, -3.7737



63.8270, 59.2453, -55.9763



19.2980, 18.0941, -16.9243

Inverse Universe

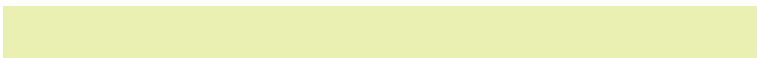
The Inverse Universe completely reimagines the original color for something new.



198.6870, 1.6333, 36.2315



201.2800, 2.3270, 47.1124



231.0240, -26.6338, 2.6100



112.1580, 0.4151, 6.8774



63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 198.8570, 20.2835, -19.1686 looks on a white background.

Color Contrast Check

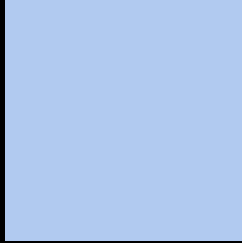
Large Text (above 18pt) WCAG AA × Fail

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 198.8570, 20.2835, -19.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

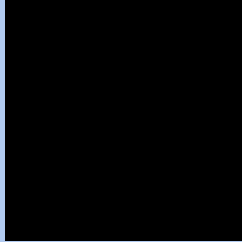
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

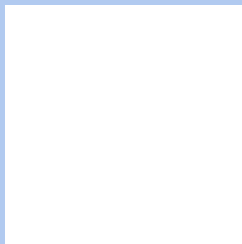
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.8570, 20.2835, -19.1686

Background



This preview shows how black text looks on a background with the YUV color 198.8570, 20.2835, -19.1686.



This preview shows how white text looks on a background with the YUV color 198.8570, 20.2835, -19.1686.

-19.1686.

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

198.8570, 20.2835, -19.1686

Protanopia

200.6520, 17.9196, -7.5878

Deuteranopia

201.4400, 19.5031, -2.1399



Tritanopia

197.3700, 12.1426, -21.3725

Trichromacy



Original Color

198.8570, 20.2835, -19.1686

Protanomaly

199.8580, 18.8040, -11.2765

Deuteranomaly

200.8090, 19.8142, -8.6025

Tritanomaly

197.8800, 15.3422, -20.9428

Monochromacy



Original Color

198.8570, 20.2835, -19.1686

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.8570, 20.2835, -19.1686 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(177, 202, 240)` looks like.

```
.text, #text, p{  
    color:rgb(177, 202, 240)  
}
```

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(177, 202, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 202, 240) }
```

Border

The CSS property to change the border of an element to YUV 198.8570, 20.2835, -19.1686 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(177, 202, 240) }
```


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

```
.border{ border-color:rgb(177, 202, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 202, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 202, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 202, 240);  
box-shadow:4px 4px 4px 4px rgb(177, 202,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 198.8570, 20.2835, -19.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 202, 240) }
```

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

```
.background{ background-color: rgb(177,  
202, 240) }
```

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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