

Converting Colors

YUV(198.4870, 27.8609,
-69.7101)

Have a look what the booklet for
YUV(198.4870, 27.8609, -69.7101)
contains.

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Color

**YUV(198.4870, 27.8609,
-69.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	77E4FF
RGB	119, 228, 255
RGB Percent	47%, 89%, 100%
CMY	0.5333, 0.1059, 0.0000
CMYK	0.53, 0.11, 0.00, 0.00
HSL	192°, 100%, 73%
HSV	192°, 53%, 100%
XYZ	53.4012, 66.6287, 104.6538
YIQ	198.4870, -73.6310, -14.7110

Conversions

Conversions Part 2

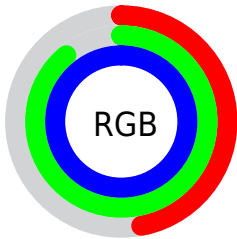
Format	Color
R_{YB}	119, 180, 255
Decimal	7857407
CIE _{Lab}	85.32, -24.13, -22.69
CIE _{LCh}	85, 33.123, 223.245
Yxy	66.6287, 0.2377, 0.2965
Android (android.graphics.Color)	4286047487 (0xFF77E4FF)
YUV	198.4870, 27.8609, -69.7101
Hunter-Lab	81.6264, -26.0691, -18.8776

Details

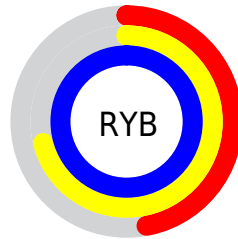
The YUV color **198.4870, 27.8609, -69.7101** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **175.5130, -27.8609, 69.7101**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **139.0840, 29.0456, -76.3727** is the 20% darker color. If you saturate the color by 10%, you get **188.0770, 32.9930, -82.5055**, and if you desaturate by 10%, it is **209.1960, 22.5814, -56.2999**.

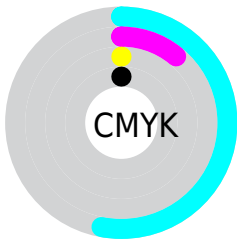
Distribution



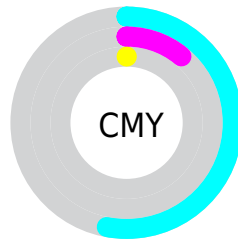
- Red (47%)
- Green (89%)
- Blue (100%)



- Red (47%)
- Yellow (71%)
- Blue (100%)



- Cyan (53%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4870, 27.8609, -69.7101 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 198.4870, 27.8609, -69.7101 by changing the saturation by 10% instead.

198.4870, 27.8609,
-69.7101

198.4870, 27.8609,
-69.7101

255.0000, 0.0000,
0.0000

169.1770, 28.0137,
-72.0692

232.2760, 11.2029,
-46.7231

139.0840, 29.0456,
-76.3727

241.5450, 6.6333,
-27.6650

105.1960, 32.4414,
-92.2569

250.5150, 2.2111,
-9.2217

86.8560, 28.1720,
-76.1727

69.3310, 24.4868,
-60.8033

52.3930, 20.5123,
-45.9487

36.1560, 16.6851,

-31.7088

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 198.4870, 27.8609,
-69.7101

■ 198.4870, 27.8609,
-69.7101

■ 188.0770, 32.9930,
-82.5055

■ 209.1960, 22.5814,
-56.2999

■ 177.3680, 38.2726,
-95.9157

■ 219.6060, 17.4492,
-43.5045

■ 166.6590, 43.5521,
-109.3259

■ 230.0160, 12.3171,
-30.7090

■ 156.2490, 48.6842,
-122.1214

■ 240.7250, 7.0376,
-17.2988

■ 148.8180, 52.3477,
-130.5134

■ 251.4340, 1.7580,
-3.8886

255.0000, 0.0000,
0.0000

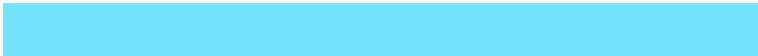
Harmonies

Analogous

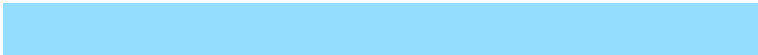
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.8390, 13.8834, -66.5108



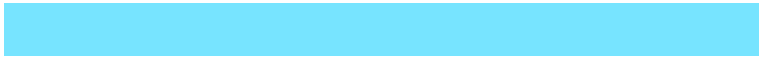
198.4870, 27.8609, -69.7101



203.3480, 25.4644, -47.6632

Triad

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



198.4870, 27.8609, -69.7101



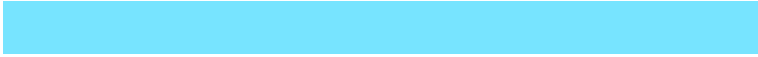
215.3970, 8.1853, 34.7318



210.1990, -28.6921, 9.4725

Complementary

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



198.4870, 27.8609, -69.7101



175.5130, -27.8609, 69.7101

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.



212.9400, -29.0574, 33.3786



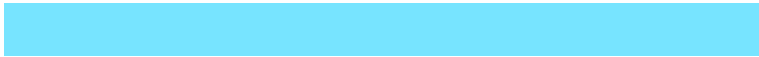
198.4870, 27.8609, -69.7101



210.5750, -5.2135, 38.9607

Square

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



198.4870, 27.8609, -69.7101



216.7350, 18.8646, 16.0184



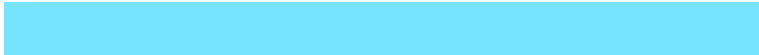
210.3180, -18.8908, 39.1861



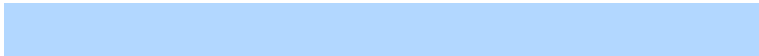
206.1400, -19.2960, -17.6628

Rectangle

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



198.4870, 27.8609, -69.7101



208.4970, 22.9260, -26.7459



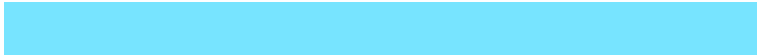
210.3180, -18.8908, 39.1861



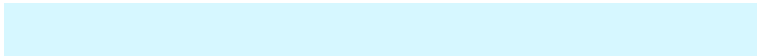
211.0260, -29.5928, 18.3942

Sweetspot

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



198.4870, 27.8609, -69.7101



238.0450, 8.3588, -21.0875



201.6820, -28.4372, -72.5121



117.5900, 5.1321, -12.7954



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.



198.4870, 27.8609, -69.7101



187.4790, 33.2879, -83.7351



159.7450, 46.9607, -35.7334



122.3520, 2.7845, -6.4477



111.5850, 39.1516, -97.8600



37.2330, 13.1961, -32.6533

Inverse Universe

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



172.0900, 27.5636, 72.7121



155.6710, 33.1932, 87.1115



214.2550, -46.9607, 35.7334



120.0270, 2.4517, 6.9923



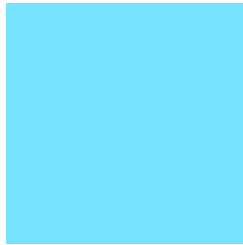
74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 198.4870, 27.8609, -69.7101 looks on a white background.

Color Contrast Check

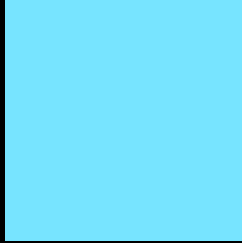
Large Text (above 18pt) WCAG AA × Fail

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 198.4870, 27.8609, -69.7101 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 198.4870, 27.8609, -69.7101 Background



This preview shows how black text looks on a background with the YUV color 198.4870, 27.8609, -69.7101.



This preview shows how white text looks on a background with the YUV color 198.4870, 27.8609, -69.7101.

-69.7101.

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

198.4870, 27.8609, -69.7101

Protanopia

212.5660, 15.0040, -5.7584

Deuteranopia

213.6570, 20.3821, -4.0842



Tritanopia

197.3790, 24.9562, -71.3694

Trichromacy



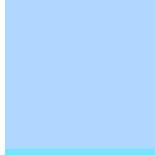
Original Color

198.4870, 27.8609, -69.7101



Protanomaly

207.5630, 19.4424, -29.4348



Deuteranomaly

207.8990, 23.2208, -27.9754



Tritanomaly

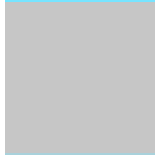
198.0200, 26.1191, -71.0545

Monochromacy



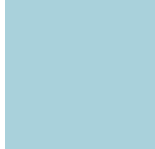
Original Color

198.4870, 27.8609, -69.7101



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.1800, 10.2643, -25.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4870, 27.8609, -69.7101 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(119, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 228, 255)  
}
```

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(119, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 228, 255) }
```

Border

The CSS property to change the border of an element to YUV 198.4870, 27.8609, -69.7101 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(119, 228, 255) }
```


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

```
.border{ border-color:rgb(119, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 228,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 198.4870, 27.8609, -69.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 228, 255) }
```

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

```
.background{ background-color: rgb(119,  
228, 255) }
```

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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