

Converting Colors

YUV(184.2870, 31.4105,
-41.4707)

Have a look what the booklet for
YUV(184.2870, 31.4105, -41.4707)
contains.

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Color

**YUV(184.2870, 31.4105,
-41.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	89C4F8
RGB	137, 196, 248
RGB Percent	54%, 77%, 97%
CMY	0.4627, 0.2314, 0.0275
CMYK	0.45, 0.21, 0.00, 0.03
HSL	208°, 89%, 75%
HSV	208°, 45%, 97%
XYZ	46.9997, 51.5755, 96.2849
YIQ	184.2870, -51.8560, 3.6640

Conversions

Conversions Part 2

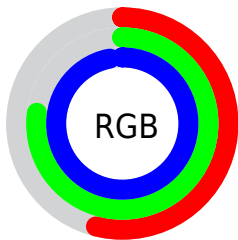
Format	Color
RYB	137, 176, 248
Decimal	9028856
CIELab	77.03, -5.59, -31.58
CIElCh	77, 32.069, 259.964
Yxy	51.5755, 0.2412, 0.2647
Android (android.graphics.Color)	4287218936 (0xFF89C4F8)
YUV	184.2870, 31.4105, -41.4707
Hunter-Lab	71.8161, -8.8597, -29.2197

Details

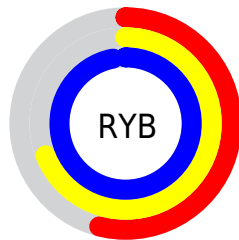
The YUV color **184.2870, 31.4105, -41.4707** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **200.7130, -31.4105, 41.4707**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5870, 9.5706, -36.4718**, and **129.0480, 30.5423, -43.0151** is the 20% darker color. If you saturate the color by 10%, you get **169.7680, 38.5684, -50.6625**, and if you desaturate by 10%, it is **198.8060, 24.2526, -32.2789**.

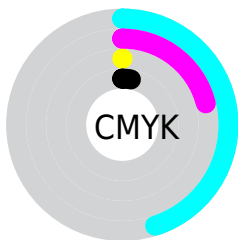
Distribution



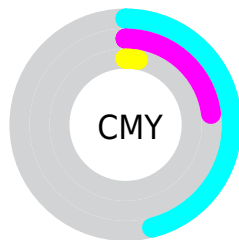
- Red (54%)
- Green (77%)
- Blue (97%)



- Red (54%)
- Yellow (69%)
- Blue (97%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (46%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.2870, 31.4105, -41.4707 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 184.2870, 31.4105, -41.4707 by changing the saturation by 10% instead.

■ 184.2870, 31.4105,
-41.4707

■ 184.2870, 31.4105,
-41.4707

255.0000, 0.0000,
0.0000

■ 156.7600, 30.6843,
-41.8855

■ 235.5870, 9.5706,
-36.4718

■ 129.0480, 30.5423,
-43.0151

■ 245.7310, 4.5696,
-19.0581

■ 102.0260, 30.5532,
-46.5038

254.7010, 0.1474,
-0.6148

■ 69.7360, 33.6542,
-61.1585

■ 53.2710, 28.9534,
-46.7187

■ 37.5070, 24.4000,
-32.8936

■ 23.1450, 20.1415,

-20.2982

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 184.2870, 31.4105,
-41.4707

■ 184.2870, 31.4105,
-41.4707

■ 169.7680, 38.5684,
-50.6625

■ 198.8060, 24.2526,
-32.2789

■ 155.8360, 45.4369,
-60.3692

■ 212.7380, 17.3842,
-22.5722

■ 141.6160, 52.4473,
-68.9462

■ 226.9580, 10.3737,
-13.9952

■ 127.6840, 59.3158,
-78.6529

■ 240.8900, 3.5052,
-4.2885

■ 113.1650, 66.4737,
-87.8447

■ 253.6150, -2.7682,
1.2146

■ 105.7560, 70.1263,
-92.7480

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



176.4490, 28.8656, -65.2918



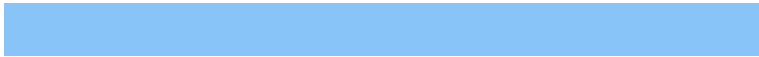
184.2870, 31.4105, -41.4707



191.3450, 26.9449, -9.0726

Triad

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



184.2870, 31.4105, -41.4707



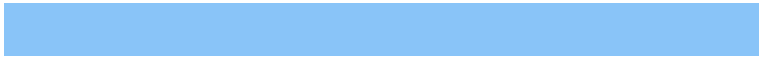
193.4470, -11.0664, 49.5970



182.7310, -15.6434, -22.5661

Complementary

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



184.2870, 31.4105, -41.4707



200.7130, -31.4105, 41.4707

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.



186.8500, -26.0550, 3.6396



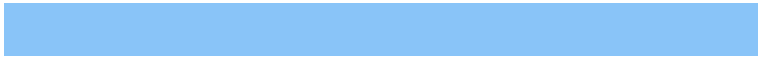
184.2870, 31.4105, -41.4707



191.4280, -22.3960, 43.4746

Square

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



184.2870, 31.4105, -41.4707



194.4750, 3.2168, 41.6794



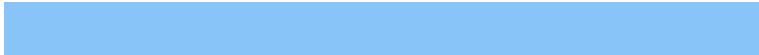
189.4230, -28.3095, 26.8160



178.1050, 0.4412, -48.3271

Rectangle

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



184.2870, 31.4105, -41.4707



193.8700, 20.7701, 11.5150



189.4230, -28.3095, 26.8160



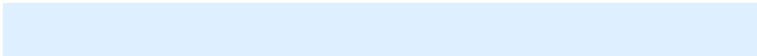
184.0480, -19.7437, -14.0741

Sweetspot

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



184.2870, 31.4105, -41.4707



235.7410, 9.4947, -12.0509



208.0850, -9.4089, -62.3415



115.8510, 5.9895, -7.7623



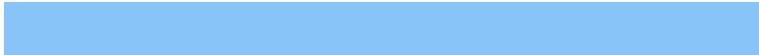
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



184.2870, 31.4105, -41.4707



175.5830, 39.1526, -51.3773



152.0020, 47.3270, -13.1568



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



26.3250, 17.0948, -23.0870

Inverse Universe

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



176.9150, 9.4089, 62.3415



166.5840, 11.5441, 77.5408



232.9980, -47.3270, 13.1568



116.6850, 1.1413, 7.2923



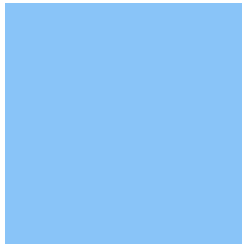
67.9110, 15.8199, 106.1951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 184.2870, 31.4105, -41.4707 looks on a white background.

Color Contrast Check

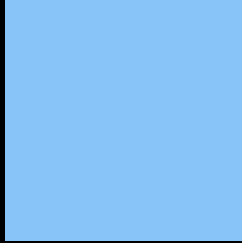
Large Text (above 18pt) WCAG AA × Fail

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 184.2870, 31.4105, -41.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

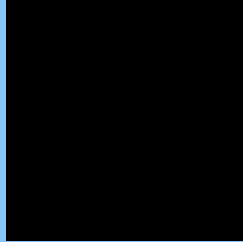
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

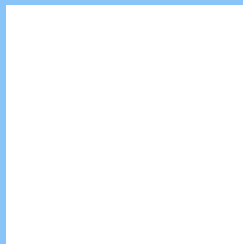
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.2870, 31.4105, -41.4707

Background



This preview shows how black text looks on a background with the YUV color 184.2870, 31.4105, -41.4707.



This preview shows how white text looks on a background with the YUV color 184.2870, 31.4105, -41.4707.

-41.4707.

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

184.2870, 31.4105, -41.4707

Protanopia

189.9810, 25.6454, -12.2613

Deuteranopia

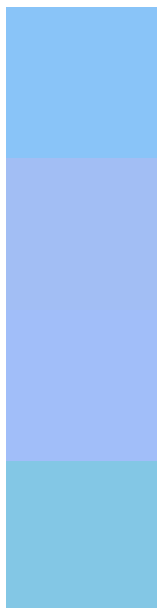
190.0070, 29.5765, -13.1611



Tritanopia

181.1110, 18.1863, -46.5783

Trichromacy



Original Color

184.2870, 31.4105, -41.4707

Protanomaly

187.7840, 27.7145, -22.6126

Deuteranomaly

188.0550, 30.0459, -23.7272

Tritanomaly

182.0880, 23.1276, -44.8042

Monochromacy



Original Color

184.2870, 31.4105, -41.4707

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.8870, 11.3947, -14.8099

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.2870, 31.4105, -41.4707 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(137, 196, 248)` looks like.

```
.text, #text, p{  
    color:rgb(137, 196, 248)  
}
```

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(137, 196, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 196, 248) }
```

Border

The CSS property to change the border of an element to YUV 184.2870, 31.4105, -41.4707 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(137, 196, 248) }
```


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

```
.border{ border-color:rgb(137, 196, 248) }
```

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

Here you see how a box with a 4 pixel rgb(137, 196, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 196, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 196, 248);  
box-shadow:4px 4px 4px 4px rgb(137, 196,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 184.2870, 31.4105, -41.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 196, 248) }
```

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

```
.background{ background-color: rgb(137,  
196, 248) }
```

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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