

Converting Colors

YUV(207.0400, 19.2073,
-47.3931)

Have a look what the booklet for
YUV(207.0400, 19.2073, -47.3931)
contains.

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Color

**YUV(207.0400, 19.2073,
-47.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	99E3F6
RGB	153, 227, 246
RGB Percent	60%, 89%, 96%
CMY	0.4000, 0.1098, 0.0353
CMYK	0.38, 0.08, 0.00, 0.04
HSL	192°, 84%, 78%
HSV	192°, 38%, 96%
XYZ	57.2405, 68.3643, 97.3675
YIQ	207.0400, -50.2030, -9.7790

Conversions

Conversions Part 2

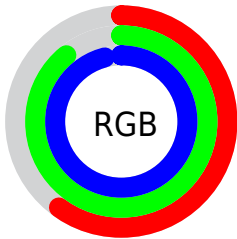
Format	Color
RYB	153, 194, 246
Decimal	10085366
CIELab	86.19, -18.23, -16.50
CIELCh	86, 24.585, 222.149
Yxy	68.3643, 0.2567, 0.3066
Android (android.graphics.Color)	4288275446 (0xFF99E3F6)
YUV	207.0400, 19.2073, -47.3931
Hunter-Lab	82.6827, -21.1208, -11.9423

Details

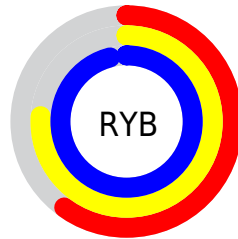
The YUV color $207.0400, 19.2073, -47.3931$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.9600, -19.2073, 47.3931$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5450, 6.6333, -27.6650$, and $151.6270, 18.9179, -47.9079$ is the 20% darker color. If you saturate the color by 10%, you get $196.6300, 24.3394, -60.1885$, and if you desaturate by 10%, it is $217.4500, 14.0751, -34.5977$.

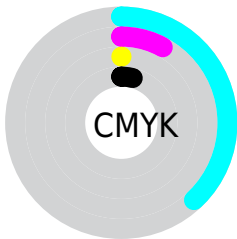
Distribution



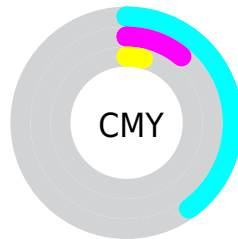
- Red (60%)
- Green (89%)
- Blue (96%)



- Red (60%)
- Yellow (76%)
- Blue (96%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.0400, 19.2073, -47.3931 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 207.0400, 19.2073, -47.3931 by changing the saturation by 10% instead.

207.0400, 19.2073,
-47.3931

207.0400, 19.2073,
-47.3931

255.0000, 0.0000,
0.0000

179.0400, 19.2073,
-47.3931

241.5450, 6.6333,
-27.6650

151.6270, 18.9179,
-47.9079

250.5150, 2.2111,
-9.2217

124.3280, 19.0653,
-48.5227

96.4200, 19.5129,
-52.1113

67.8320, 21.2818,
-59.4887

51.0080, 17.7441,
-44.7340

35.3580, 13.6275,

-31.0090

■ 21.1100, 9.8058,
-18.5135

■ 2.9810, 8.8834,
-2.6143

■ 207.0400, 19.2073,
-47.3931

■ 207.0400, 19.2073,
-47.3931

■ 196.6300, 24.3394,
-60.1885

■ 217.4500, 14.0751,
-34.5977

■ 186.5190, 29.3241,
-72.3692

■ 227.5610, 9.0904,
-22.4170

■ 176.1090, 34.4563,
-85.1646

■ 237.9710, 3.9583,
-9.6216

■ 165.9980, 39.4410,
-97.3452

■ 248.0820, -1.0264,
2.5591

■ 155.5880, 44.5731,
-110.1407

■ 252.2130, -3.0630,
2.4442

■ 145.1780, 49.7052,
-122.9361

■ 253.9740, -3.9312,
0.8998

■ 143.0960, 50.7317,
-125.4952

Harmonies

Analogous

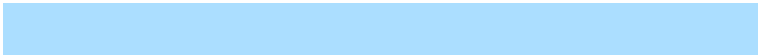
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206.1190, 9.3083, -45.7084



207.0400, 19.2073, -47.3931



210.5130, 21.9321, -34.6529

Triad

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



207.0400, 19.2073, -47.3931



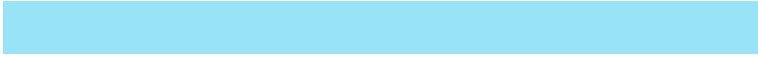
220.1530, 4.8546, 29.6838



213.7350, -21.5614, 9.0024

Complementary

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



207.0400, 19.2073, -47.3931



191.9600, -19.2073, 47.3931

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.



215.8450, -21.6156, 26.4459



207.0400, 19.2073, -47.3931



216.6560, -4.7604, 33.6277

Square

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



207.0400, 19.2073, -47.3931



219.0780, 15.2445, 10.4556



216.4960, -15.5275, 33.7680



211.0250, -14.8023, -12.2999

Rectangle

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



207.0400, 19.2073, -47.3931



213.5580, 20.4309, -19.7834



216.4960, -15.5275, 33.7680



214.8390, -22.5986, 15.0502

Sweetspot

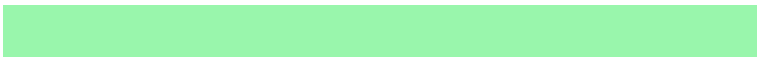
The Sweet Spot groups the original color and five complimentary colors.



207.0400, 19.2073, -47.3931



243.1060, 5.8637, -14.1250



209.7570, -18.6142, -49.7759



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



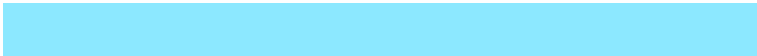
128.0000, 0.0000, 0.0000

Same Dimension

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



207.0400, 19.2073, -47.3931



207.1140, 23.6078, -58.8590



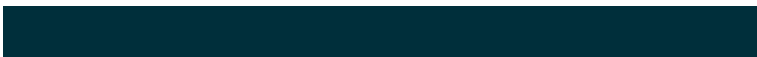
180.0380, 32.5193, -23.7123



117.2380, 2.3477, -6.3477



108.0800, 38.4146, -94.7862



34.3150, 12.1697, -30.0943

Inverse Universe

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



189.2430, 18.6142, 49.7759



184.8730, 23.2336, 61.5014



218.9620, -32.5193, 23.7123



114.7280, 2.5991, 6.3775



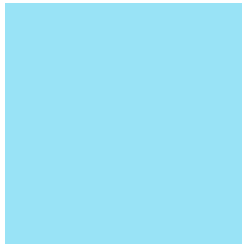
72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 207.0400, 19.2073, -47.3931 looks on a white background.

Color Contrast Check

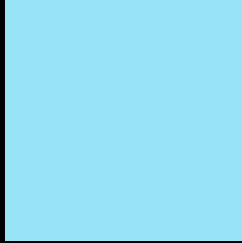
Large Text (above 18pt) WCAG AA × Fail

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 207.0400, 19.2073, -47.3931 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 207.0400, 19.2073, -47.3931 Background



This preview shows how black text looks on a background with the YUV color 207.0400, 19.2073, -47.3931.



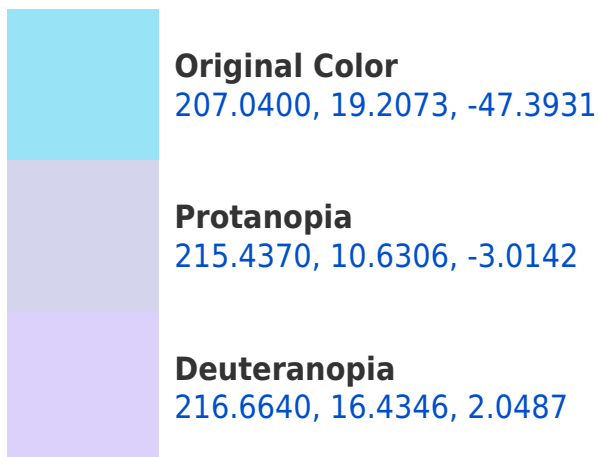
This preview shows how white text looks on a background with the YUV color 207.0400, 19.2073, -47.3931.

-47.3931.

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

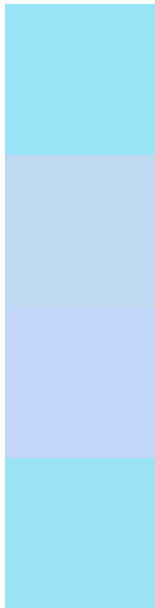




Tritanopia

206.9260, 18.7705, -47.2931

Trichromacy



Original Color

207.0400, 19.2073, -47.3931

Protanomaly

212.4350, 13.5895, -18.7985

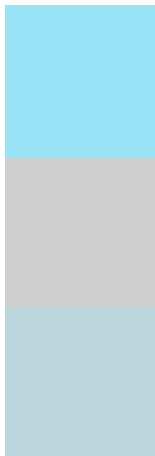
Deuteranomaly

213.4830, 17.5099, -16.2096

Tritanomaly

206.9260, 18.7705, -47.2931

Monochromacy



Original Color

207.0400, 19.2073, -47.3931

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7250, 7.0376, -17.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.0400, 19.2073, -47.3931 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(153, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(153, 227, 246)  
}
```

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(153, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 227, 246) }
```

Border

The CSS property to change the border of an element to YUV 207.0400, 19.2073, -47.3931 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(153, 227, 246) }
```


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

```
.border{ border-color:rgb(153, 227, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 227, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(153, 227,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 207.0400, 19.2073, -47.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 227, 246) }
```

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

```
.background{ background-color: rgb(153,  
227, 246) }
```

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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