

Converting Colors

YUV(212.5130, 18.4811,
-47.8079)

Have a look what the booklet for
YUV(212.5130, 18.4811, -47.8079)
contains.

YUV(212.5130, 18.4811, -47.8079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(212.5130, 18.4811,
-47.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE9FA
RGB	158, 233, 250
RGB Percent	62%, 91%, 98%
CMY	0.3804, 0.0863, 0.0196
CMYK	0.37, 0.07, 0.00, 0.02
HSL	191°, 90%, 80%
HSV	191°, 37%, 98%
XYZ	60.4948, 72.4491, 101.2381
YIQ	212.5130, -50.1570, -10.6130

Conversions

Conversions Part 2

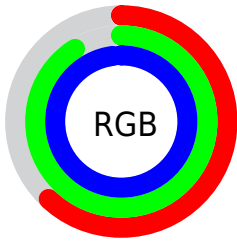
Format	Color
RYB	158, 199, 250
Decimal	10414586
CIELab	88.18, -18.98, -15.58
CIElCh	88, 24.551, 219.381
Yxy	72.4491, 0.2583, 0.3094
Android (android.graphics.Color)	4288604666 (0xFF9EE9FA)
YUV	212.5130, 18.4811, -47.8079
Hunter-Lab	85.1170, -22.0904, -10.9376

Details

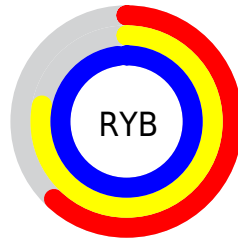
The YUV color **212.5130, 18.4811, -47.8079** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **195.4870, -18.4811, 47.8079**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **156.5130, 18.4811, -47.8079** is the 20% darker color. If you saturate the color by 10%, you get **202.1030, 23.6132, -60.6033**, and if you desaturate by 10%, it is **222.9230, 13.3490, -35.0125**.

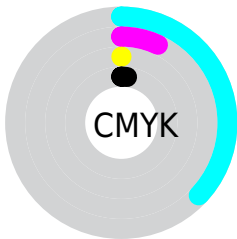
Distribution



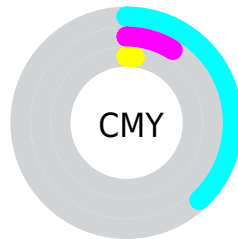
- Red (62%)
- Green (91%)
- Blue (98%)



- Red (62%)
- Yellow (78%)
- Blue (98%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5130, 18.4811, -47.8079 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 212.5130, 18.4811, -47.8079 by changing the saturation by 10% instead.

■ 212.5130, 18.4811,
-47.8079

■ 212.5130, 18.4811,
-47.8079

255.0000, 0.0000,
0.0000

■ 184.3990, 18.0443,
-47.7079

■ 243.0400, 5.8963,
-24.5911

■ 156.5130, 18.4811,
-47.8079

■ 252.0100, 1.4741,
-6.1478

■ 129.1000, 18.1917,
-48.3227

■ 101.9040, 18.7813,
-50.7818

■ 71.1090, 21.1453,
-62.3626

■ 54.2850, 17.6075,
-47.6079

■ 38.0480, 13.7803,

-33.3681

■ 23.8000, 9.9586,
-20.8726

■ 3.3230, 10.1938,
-2.9143

■ 212.5130, 18.4811,
-47.8079

■ 212.5130, 18.4811,
-47.8079

■ 202.1030, 23.6132,
-60.6033

■ 222.9230, 13.3490,
-35.0125

■ 192.2800, 28.4560,
-73.9136

■ 232.7460, 8.5062,
-21.7022

■ 181.8700, 33.5881,
-86.7090

■ 243.1560, 3.3741,
-8.9068

■ 172.0470, 38.4308,
-100.0192

■ 252.0820, -1.0264,
2.5591

■ 161.6370, 43.5630,
-112.8146

■ 254.4300, -2.1840,
0.4999

■ 151.2270, 48.6951,
-125.6101

■ 148.2480, 50.1637,
-130.0135

Harmonies

Analogous

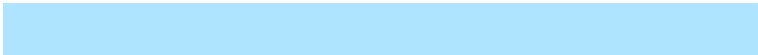
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.0760, 7.8505, -44.7937



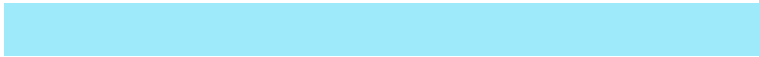
212.5130, 18.4811, -47.8079



215.2310, 19.6061, -35.2826

Triad

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



212.5130, 18.4811, -47.8079



224.8860, 6.4652, 26.4100



219.6320, -22.0036, 10.8467

Complementary

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



212.5130, 18.4811, -47.8079



195.4870, -18.4811, 47.8079

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.



221.8560, -21.6210, 28.1903



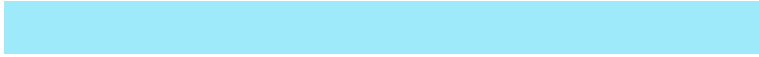
212.5130, 18.4811, -47.8079



221.0900, -3.0024, 29.7391

Square

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



212.5130, 18.4811, -47.8079



224.0670, 15.2500, 8.7112



220.3430, -13.4801, 30.3942



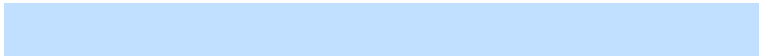
216.8080, -15.6813, -10.3556

Rectangle

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



212.5130, 18.4811, -47.8079



217.6780, 18.3997, -21.6426



220.3430, -13.4801, 30.3942



220.2630, -22.3147, 17.3093

Sweetspot

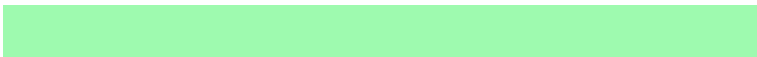
The Sweet Spot groups the original color and five complimentary colors.



212.5130, 18.4811, -47.8079



243.6930, 5.5744, -14.6398



213.9420, -19.1984, -49.0611



120.5690, 3.6635, -8.3920



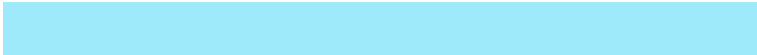
0.0000, 0.0000, 0.0000



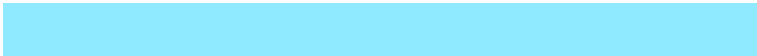
128.0000, 0.0000, 0.0000

Same Dimension

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



212.5130, 18.4811, -47.8079



209.1850, 22.5868, -58.0442



185.5110, 31.7931, -24.1271



119.9390, 2.4951, -6.9625



111.9440, 37.9886, -98.1749



36.3040, 12.1751, -31.8386

Inverse Universe

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



194.0580, 19.1984, 49.0611



186.8620, 23.2390, 59.7570



222.4890, -31.7931, 24.1271



117.1410, 2.8885, 6.8923



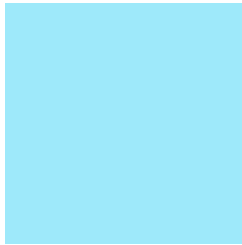
74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 212.5130, 18.4811, -47.8079 looks on a white background.

Color Contrast Check

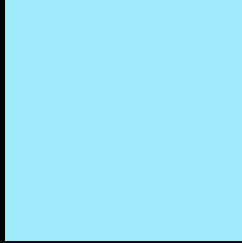
Large Text (above 18pt) WCAG AA × Fail

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 212.5130, 18.4811, -47.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

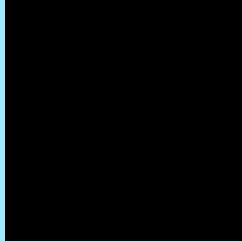
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.5130, 18.4811, -47.8079

Background



This preview shows how black text looks on a background with the YUV color 212.5130, 18.4811, -47.8079.



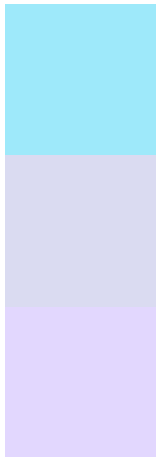
This preview shows how white text looks on a background with the YUV color 212.5130, 18.4811, -47.8079.

-47.8079.

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

212.5130, 18.4811, -47.8079

Protanopia

221.2090, 9.7570, -2.8143

Deuteranopia

222.7350, 15.4136, 2.8634



Tritanopia

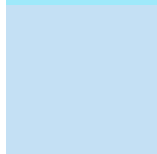
212.6270, 18.9179, -47.9079

Trichromacy



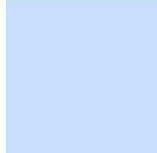
Original Color

212.5130, 18.4811, -47.8079



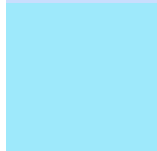
Protanomaly

217.9080, 12.8634, -19.2133



Deuteranomaly

219.2550, 16.6363, -16.0096



Tritanomaly

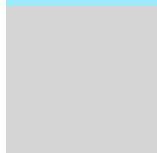
212.6270, 18.9179, -47.9079

Monochromacy



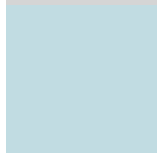
Original Color

212.5130, 18.4811, -47.8079



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.6110, 6.6008, -17.1988

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5130, 18.4811, -47.8079 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(158, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(158, 233, 250)  
}
```

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(158, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 233, 250) }
```

Border

The CSS property to change the border of an element to YUV 212.5130, 18.4811, -47.8079 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(158, 233, 250) }
```


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

```
.border{ border-color:rgb(158, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(158, 233,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 212.5130, 18.4811, -47.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 233, 250) }
```

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

```
.background{ background-color: rgb(158,  
233, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor