

Converting Colors

YUV(212.9260, 18.7705,
-47.2931)

Have a look what the booklet for
YUV(212.9260, 18.7705, -47.2931)
contains.

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Color

**YUV(212.9260, 18.7705,
-47.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE9FB
RGB	159, 233, 251
RGB Percent	62%, 91%, 98%
CMY	0.3765, 0.0863, 0.0157
CMYK	0.37, 0.07, 0.00, 0.02
HSL	192°, 92%, 80%
HSV	192°, 37%, 98%
XYZ	60.8496, 72.6138, 102.0755
YIQ	212.9260, -49.8820, -10.0900

Conversions

Conversions Part 2

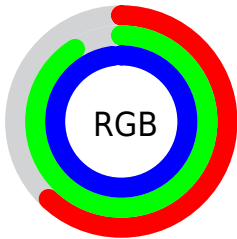
Format	Color
RYB	159, 200, 251
Decimal	10480123
CIELab	88.26, -18.48, -15.98
CIElCh	88, 24.427, 220.851
Yxy	72.6138, 0.2583, 0.3083
Android (android.graphics.Color)	4288670203 (0xFF9FE9FB)
YUV	212.9260, 18.7705, -47.2931
Hunter-Lab	85.2137, -21.6604, -11.3725

Details

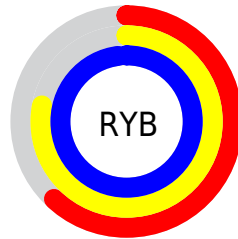
The YUV color **212.9260, 18.7705, -47.2931** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.0740, -18.7705, 47.2931**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **156.8120, 18.3337, -47.1931** is the 20% darker color. If you saturate the color by 10%, you get **202.5160, 23.9026, -60.0885**, and if you desaturate by 10%, it is **223.3360, 13.6384, -34.4977**.

Distribution



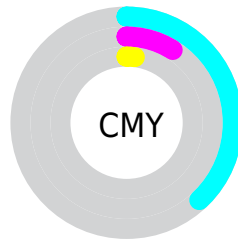
- Red (62%)
- Green (91%)
- Blue (98%)



- 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 212.9260, 18.7705, -47.2931 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 212.9260, 18.7705, -47.2931 by changing the saturation by 10% instead.

212.9260, 18.7705,
-47.2931

212.9260, 18.7705,
-47.2931

255.0000, 0.0000,
0.0000

184.8120, 18.3337,
-47.1931

243.3390, 5.7489,
-23.9763

156.8120, 18.3337,
-47.1931

252.3090, 1.3267,
-5.5330

129.5130, 18.4811,
-47.8079

102.3170, 19.0707,
-50.2670

71.2230, 21.5821,
-62.4626

54.3990, 18.0443,
-47.7079

38.1620, 14.2171,

-33.4681

■ 23.9140, 10.3954,
-20.9726

■ 3.4370, 10.6306,
-3.0142

■ 212.9260, 18.7705,
-47.2931

■ 212.9260, 18.7705,
-47.2931

■ 202.5160, 23.9026,
-60.0885

■ 223.3360, 13.6384,
-34.4977

■ 192.1060, 29.0347,
-72.8840

■ 233.7460, 8.5062,
-21.7022

■ 181.6960, 34.1669,
-85.6794

■ 244.1560, 3.3741,
-8.9068

■ 171.2860, 39.2990,
-98.4748

■ 253.3700, -1.1684,
1.4295

■ 160.5770, 44.5785, 254.5440, -1.7472,
-111.8850 0.3999

■ 150.7540, 49.4213,
-125.1953

■ 147.1880, 51.1793,
-129.0839

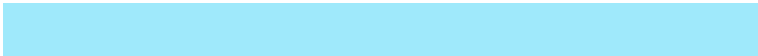
Harmonies

Analogous

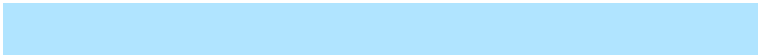
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.1900, 8.2873, -44.8936



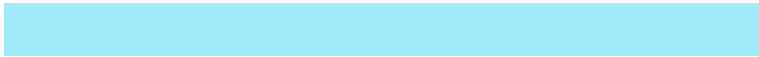
212.9260, 18.7705, -47.2931



215.5300, 19.4587, -34.6678

Triad

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



212.9260, 18.7705, -47.2931



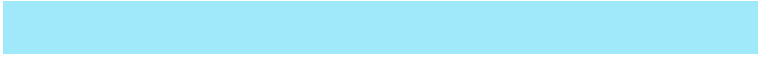
224.7720, 6.0284, 26.5100



220.0340, -21.7088, 9.6172

Complementary

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



212.9260, 18.7705, -47.2931



197.0740, -18.7705, 47.2931

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.



222.1440, -21.7630, 27.0607



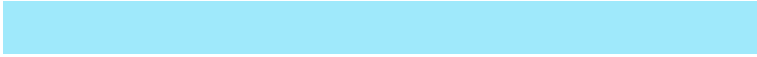
212.9260, 18.7705, -47.2931



220.9760, -3.4392, 29.8390

Square

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



212.9260, 18.7705, -47.2931



224.6650, 14.9552, 9.9408



220.2290, -13.9169, 30.4942



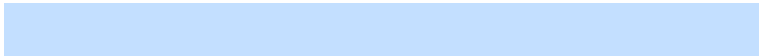
216.6230, -15.0971, -11.0704

Rectangle

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



212.9260, 18.7705, -47.2931



218.2760, 18.1049, -20.4131



220.2290, -13.9169, 30.4942



220.5510, -22.4566, 16.1798

Sweetspot

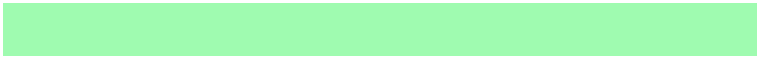
The Sweet Spot groups the original color and five complimentary colors.



212.9260, 18.7705, -47.2931



243.6930, 5.5744, -14.6398



214.9420, -19.1984, -49.0611



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



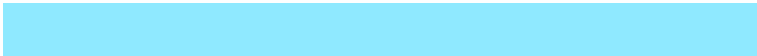
128.0000, 0.0000, 0.0000

Same Dimension

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



212.9260, 18.7705, -47.2931



208.5980, 22.8762, -57.5294



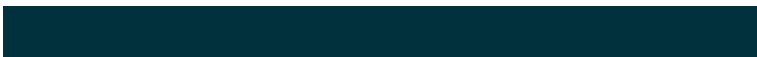
186.5110, 31.7931, -24.1271



119.9390, 2.4951, -6.9625



110.7700, 38.5674, -97.1453



35.7170, 12.4645, -31.3238

Inverse Universe

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



194.9440, 18.7616, 49.1611



186.7480, 22.8022, 59.8570



223.4890, -31.7931, 24.1271



117.1410, 2.8885, 6.8923



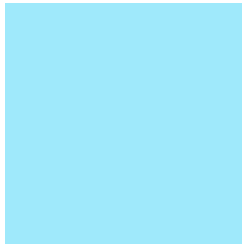
73.8390, 38.5334, 100.9962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 212.9260, 18.7705, -47.2931 looks on a white background.

Color Contrast Check

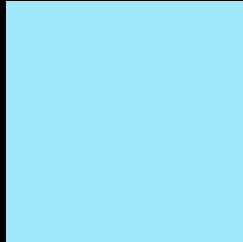
Large Text (above 18pt) WCAG AA × Fail

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 212.9260, 18.7705, -47.2931 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 212.9260, 18.7705, -47.2931 Background



This preview shows how black text looks on a background with the YUV color 212.9260, 18.7705, -47.2931.



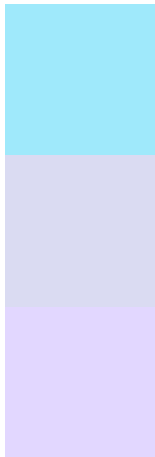
This preview shows how white text looks on a background with the YUV color 212.9260, 18.7705, -47.2931.

-47.2931.

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

212.9260, 18.7705, -47.2931

Protanopia

221.3230, 10.1938, -2.9143

Deuteranopia

222.8490, 15.8504, 2.7634



Tritanopia

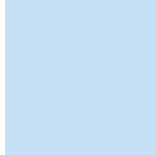
213.0400, 19.2073, -47.3931

Trichromacy



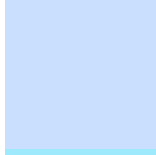
Original Color

212.9260, 18.7705, -47.2931



Protanomaly

218.3210, 13.1527, -18.6985



Deuteranomaly

219.6680, 16.9257, -15.4948



Tritanomaly

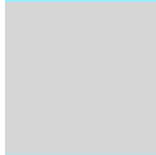
213.0400, 19.2073, -47.3931

Monochromacy



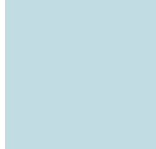
Original Color

212.9260, 18.7705, -47.2931



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7250, 7.0376, -17.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9260, 18.7705, -47.2931 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(159, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(159, 233, 251)  
}
```

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(159, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 233, 251) }
```

Border

The CSS property to change the border of an element to YUV 212.9260, 18.7705, -47.2931 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(159, 233, 251) }
```


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

```
.border{ border-color:rgb(159, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(159, 233,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 212.9260, 18.7705, -47.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 233, 251) }
```

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

```
.background{ background-color: rgb(159,  
233, 251) }
```

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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