

Converting Colors

YUV(191.8120, 18.3337,
-47.1931)

Have a look what the booklet for
YUV(191.8120, 18.3337, -47.1931)
contains.

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Color

**YUV(191.8120, 18.3337,
-47.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD4E5
RGB	138, 212, 229
RGB Percent	54%, 83%, 90%
CMY	0.4588, 0.1686, 0.1020
CMYK	0.40, 0.07, 0.00, 0.10
HSL	191°, 64%, 72%
HSV	191°, 40%, 90%
XYZ	48.1676, 58.1474, 82.8136
YIQ	191.8120, -49.5610, -10.4010

Conversions

Conversions Part 2

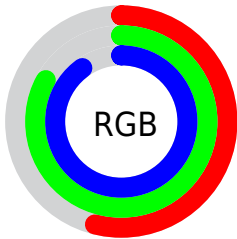
Format	Color
RYB	138, 179, 229
Decimal	9098469
CIELab	80.82, -18.70, -15.63
CIELCh	81, 24.368, 219.897
Yxy	58.1474, 0.2547, 0.3074
Android (android.graphics.Color)	4287288549 (0xFF8AD4E5)
YUV	191.8120, 18.3337, -47.1931
Hunter-Lab	76.2544, -20.6923, -11.0118

Details

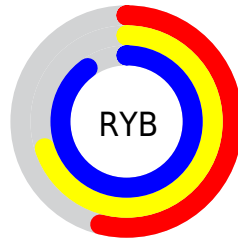
The YUV color **191.8120, 18.3337, -47.1931** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **175.1880, -18.3337, 47.1931**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **136.5130, 18.4811, -47.8079** is the 20% darker color. If you saturate the color by 10%, you get **182.5870, 22.8816, -59.2738**, and if you desaturate by 10%, it is **201.0370, 13.7858, -35.1124**.

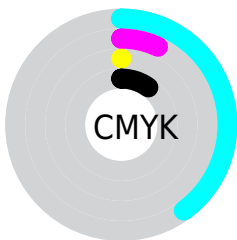
Distribution



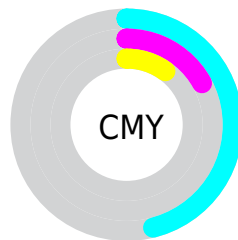
- Red (54%)
- Green (83%)
- Blue (90%)



- Red (54%)
- Yellow (70%)
- Blue (90%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8120, 18.3337, -47.1931 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 191.8120, 18.3337, -47.1931 by changing the saturation by 10% instead.

■ 191.8120, 18.3337,
-47.1931

■ 191.8120, 18.3337,
-47.1931

■ 255.0000, 0.0000,
0.0000

■ 163.8120, 18.3337,
-47.1931

■ 237.0600, 8.8444,
-36.8866

■ 136.5130, 18.4811,
-47.8079

■ 245.7310, 4.5696,
-19.0581

■ 109.5020, 18.4865,
-49.5523

■ 254.4020, 0.2948,
-1.2296

■ 80.8000, 19.8186,
-56.8296

■ 58.4910, 18.4919,
-51.2966

■ 42.3680, 15.1016,
-37.1567

■ 26.8320, 11.4218,

-23.5317

■ 7.4150, 10.6414,
-6.5030

■ 0.0000, 0.0000,
0.0000

■ 191.8120, 18.3337,
-47.1931

■ 191.8120, 18.3337,
-47.1931

■ 182.5870, 22.8816,
-59.2738

■ 201.0370, 13.7858,
-35.1124

■ 172.7750, 27.7189,
-70.8397

■ 210.8490, 8.9484,
-23.5466

■ 163.5500, 32.2669,
-82.9203

■ 220.0740, 4.4005,
-11.4659

■ 154.3250, 36.8148,
-95.0010

■ 229.2990, -0.1474,
0.6148

■ 145.1000, 41.3627,
-107.0817

■ 238.2250, -4.5479,
12.0807

■ 135.5870, 46.0526,
-118.0328

■ 242.0570, -6.4371,
11.3510

■ 135.2880, 46.2000,
-118.6476

■ 244.4050, -7.5947,
9.2918

■ 246.7530, -8.7522,
7.2326

■ 249.6880,
-10.1992, 4.6586

Harmonies

Analogous

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



191.4890, 8.1399, -44.2789



191.8120, 18.3337, -47.1931



195.5560, 23.3899, -35.5676

Triad

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



191.8120, 18.3337, -47.1931



204.4840, 6.1704, 27.6395



199.1480, -21.2720, 9.5172

Complementary

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



191.8120, 18.3337, -47.1931



175.1880, -18.3337, 47.1931

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.



201.2580, -21.3262, 26.9607



191.8120, 18.3337, -47.1931



203.9770, -4.9187, 37.7312

Square

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



191.8120, 18.3337, -47.1931



203.5940, 15.9762, 9.1261



202.6320, -15.1016, 37.1567



196.2210, -15.3920, -9.8408

Rectangle

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



191.8120, 18.3337, -47.1931



199.2310, 23.0571, -22.1276



202.6320, -15.1016, 37.1567



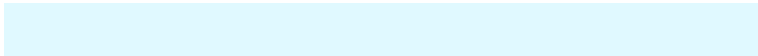
199.6650, -22.0198, 16.0798

Sweetspot

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



191.8120, 18.3337, -47.1931



242.2090, 6.3060, -15.9693



193.3550, -18.9090, -48.5463



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



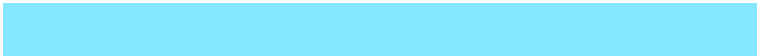
128.0000, 0.0000, 0.0000

Same Dimension

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



191.8120, 18.3337, -47.1931



205.0210, 24.6396, -63.1624



165.3970, 31.3563, -24.0272



110.2380, 2.3477, -6.3477



105.5210, 36.2251, -92.5419



29.8810, 10.4117, -26.2056

Inverse Universe

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



173.6450, 18.9090, 48.5463



180.7640, 25.2593, 65.1050



201.6030, -31.3563, 24.0272



107.7280, 2.5991, 6.3775



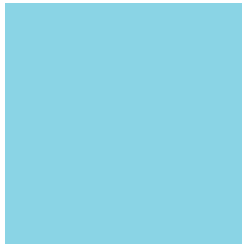
70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 191.8120, 18.3337, -47.1931 looks on a white background.

Color Contrast Check

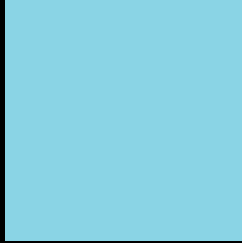
Large Text (above 18pt) WCAG AA × Fail

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 191.8120, 18.3337, -47.1931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

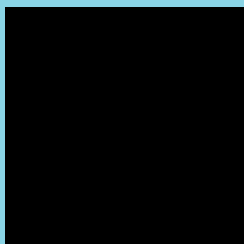
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

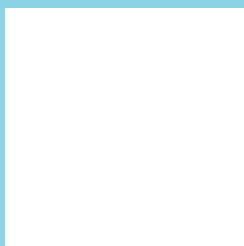
Any Text WCAG AAA ✓ Pass

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

YUV 191.8120, 18.3337, -47.1931 Background



This preview shows how black text looks on a background with the YUV color 191.8120, 18.3337, -47.1931.



This preview shows how white text looks on a background with the YUV color 191.8120, 18.3337, -47.1931.

-47.1931.

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

191.8120, 18.3337, -47.1931

Protanopia

200.2090, 9.7570, -2.8143

Deuteranopia

201.7240, 15.4191, 1.1191



Tritanopia

191.8120, 18.3337, -47.1931

Trichromacy



Original Color

191.8120, 18.3337, -47.1931

Protanomaly

197.2070, 12.7159, -18.5985

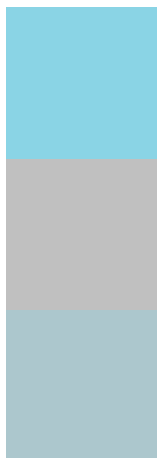
Deuteranomaly

197.9560, 16.7837, -16.6244

Tritanomaly

191.8120, 18.3337, -47.1931

Monochromacy



Original Color

191.8120, 18.3337, -47.1931

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.6110, 6.6008, -17.1988

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8120, 18.3337, -47.1931 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(138, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(138, 212, 229)  
}
```

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(138, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 212, 229) }
```

Border

The CSS property to change the border of an element to YUV 191.8120, 18.3337, -47.1931 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(138, 212, 229) }
```


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

```
.border{ border-color:rgb(138, 212, 229) }
```

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

Here you see how a box with a 4 pixel rgb(138, 212, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(138, 212,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 191.8120, 18.3337, -47.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 212, 229) }
```

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

```
.background{ background-color: rgb(138,  
212, 229) }
```

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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