

Converting Colors

YUV(184.8460, 13.3869,
-47.2229)

Have a look what the booklet for
YUV(184.8460, 13.3869, -47.2229)
contains.

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Color

**YUV(184.8460, 13.3869,
-47.2229)**

Conversions

Conversions Part 1

Format	Color
Hex	83CFD4
RGB	131, 207, 212
RGB Percent	51%, 81%, 83%
CMY	0.4863, 0.1882, 0.1686
CMYK	0.38, 0.02, 0.00, 0.17
HSL	184°, 49%, 67%
HSV	184°, 38%, 83%
XYZ	43.5566, 54.2044, 70.4542
YIQ	184.8460, -46.9010, -14.5570

Conversions

Conversions Part 2

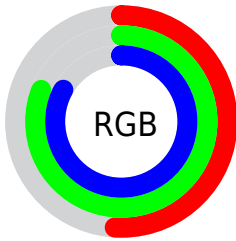
Format	Color
RYB	131, 170, 212
Decimal	8638420
CIELab	78.58, -22.19, -9.92
CIELCh	79, 24.305, 204.079
Yxy	54.2044, 0.2589, 0.3222
Android (android.graphics.Color)	4286828500 (0xFF83CFD4)
YUV	184.8460, 13.3869, -47.2229
Hunter-Lab	73.6236, -23.2388, -5.2010

Details

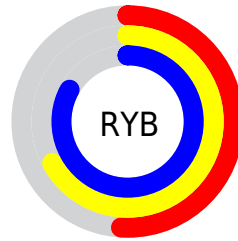
The YUV color $184.8460, 13.3869, -47.2229$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $158.1540, -13.3869, 47.2229$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.6680, 10.0237, -41.8048$, and $129.8460, 13.3869, -47.2229$ is the 20% darker color. If you saturate the color by 10%, you get $177.9800, 16.7719, -59.6185$, and if you desaturate by 10%, it is $191.7120, 10.0020, -34.8274$.

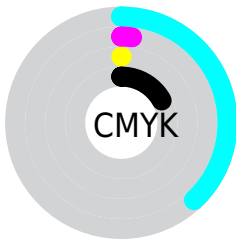
Distribution



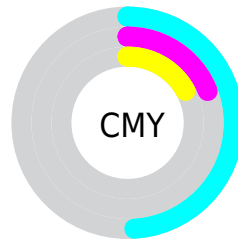
- Red (51%)
- Green (81%)
- Blue (83%)



- Red (51%)
- Yellow (67%)
- Blue (83%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8460, 13.3869, -47.2229 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 184.8460, 13.3869, -47.2229 by changing the saturation by 10% instead.

■ 184.8460, 13.3869,
-47.2229

■ 184.8460, 13.3869,
-47.2229

255.0000, 0.0000,
0.0000

■ 156.8460, 13.3869,
-47.2229

■ 234.6680, 10.0237,
-41.8048

■ 129.8460, 13.3869,
-47.2229

■ 243.3390, 5.7489,
-23.9763

■ 102.9490, 13.8291,
-49.0673

■ 252.0100, 1.4741,
-6.1478

■ 73.1650, 16.1877,
-58.9037

■ 54.5470, 13.5343,
-47.8377

■ 38.4240, 10.1440,
-33.6978

■ 23.5890, 6.6116,

-20.6876

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 184.8460, 13.3869,
-47.2229

■ 184.8460, 13.3869,
-47.2229

■ 177.9800, 16.7719,
-59.6185

■ 191.7120, 10.0020,
-34.8274

■ 170.5270, 20.4462,
-71.4992

■ 199.1650, 6.3277,
-22.9467

■ 163.3620, 23.9785,
-84.5095

■ 206.3300, 2.7953,
-9.9364

■ 156.4960, 27.3635,
-96.9050

■ 213.1960, -0.5896,
2.4591

■ 149.0430, 31.0378,
-108.7857

■ 220.6490, -4.2640,
14.3398

■ 142.1770, 34.4227,
-121.1812

■ 226.6180, -7.2067,
24.8910

■ 140.9810, 35.0124,
-123.6403

■ 227.2050, -7.4961,
24.3762

■ 227.7920, -7.7855,
23.8614

■ 228.9660, -8.3642,
22.8318

Harmonies

Analogous

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



185.8120, 1.5717, -37.5461



184.8460, 13.3869, -47.2229



187.2300, 21.0856, -43.1747

Triad

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



184.8460, 13.3869, -47.2229



198.0960, 11.2917, 18.3328



193.8010, -21.5939, 19.4685

Complementary

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



184.8460, 13.3869, -47.2229



158.1540, -13.3869, 47.2229

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.



195.8010, -18.1429, 32.6235



184.8460, 13.3869, -47.2229



198.7360, 0.6232, 33.5575

Square

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



184.8460, 13.3869, -47.2229



195.8420, 19.7979, -3.3694



197.3100, -10.0128, 38.3161



191.6630, -19.0609, 0.2955

Rectangle

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



184.8460, 13.3869, -47.2229



189.8660, 23.2371, -33.2085



197.3100, -10.0128, 38.3161



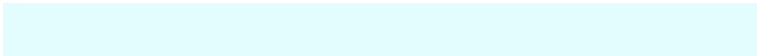
194.9480, -21.1734, 24.6016

Sweetspot

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



184.8460, 13.3869, -47.2229



245.4540, 4.7062, -16.1842



179.0030, -21.6935, -42.0986



121.7430, 3.0847, -9.4216



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.



184.8460, 13.3869, -47.2229



215.9080, 19.2724, -68.3253



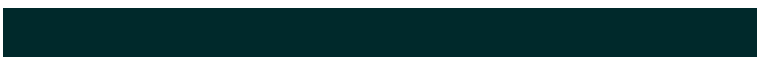
161.3660, 24.9626, -26.6310



103.1240, 1.9109, -6.2477



113.4140, 28.3899, -99.4641



28.9690, 6.9173, -25.4058

Inverse Universe

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



163.8830, 21.2567, 42.1986



185.5230, 30.8012, 60.9313



181.6340, -24.9626, 26.6310



100.4290, 2.7465, 5.7628



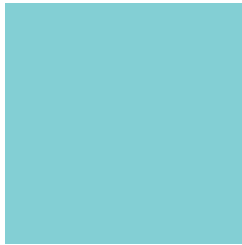
69.3690, 44.6811, 89.1304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 184.8460, 13.3869, -47.2229 looks on a white background.

Color Contrast Check

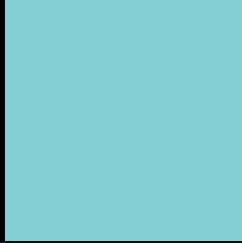
Large Text (above 18pt) WCAG AA × Fail

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 184.8460, 13.3869, -47.2229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

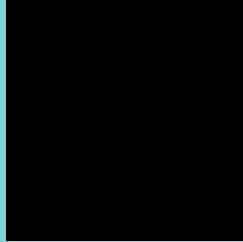
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.8460, 13.3869, -47.2229

Background



This preview shows how black text looks on a background with the YUV color 184.8460, 13.3869, -47.2229.



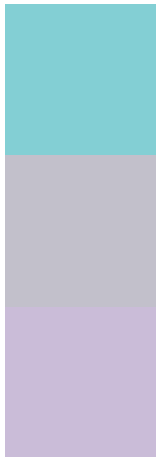
This preview shows how white text looks on a background with the YUV color 184.8460, 13.3869, -47.2229.

-47.2229.

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

184.8460, 13.3869, -47.2229

Protanopia

193.8520, 4.5100, 0.1298

Deuteranopia

195.3780, 10.1666, 5.8075



Tritanopia

185.7090, 17.8915, -45.3488

Trichromacy



Original Color

184.8460, 13.3869, -47.2229

Protanomaly

190.2520, 7.7638, -16.8840

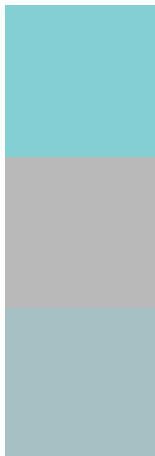
Deuteranomaly

191.5990, 11.5367, -13.6803

Tritanomaly

185.5410, 16.0023, -46.0785

Monochromacy



Original Color

184.8460, 13.3869, -47.2229

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8560, 5.0010, -17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8460, 13.3869, -47.2229 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(131, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(131, 207, 212)  
}
```

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(131, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 207, 212) }
```

Border

The CSS property to change the border of an element to YUV 184.8460, 13.3869, -47.2229 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(131, 207, 212) }
```


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

```
.border{ border-color:rgb(131, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(131, 207,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 184.8460, 13.3869, -47.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 207, 212) }
```

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

```
.background{ background-color: rgb(131,  
207, 212) }
```

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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