

Converting Colors

YUV(196.4880, -0.2406,
-16.2140)

Have a look what the booklet for
YUV(196.4880, -0.2406, -16.2140)
contains.

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Color

**YUV(196.4880, -0.2406,
-16.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CEC4
RGB	178, 206, 196
RGB Percent	70%, 81%, 77%
CMY	0.3020, 0.1922, 0.2314
CMYK	0.14, 0.00, 0.05, 0.19
HSL	159°, 22%, 75%
HSV	159°, 14%, 81%
XYZ	50.3952, 57.5931, 60.6850
YIQ	196.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

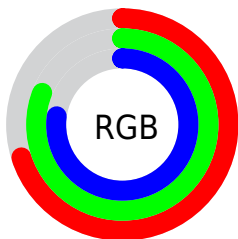
Format	Color
RYB	178, 195, 206
Decimal	11718340
CIELab	80.51, -11.31, 1.81
CIElCh	81, 11.456, 170.910
Yxy	57.5931, 0.2988, 0.3414
Android (android.graphics.Color)	4289908420 (0xFFB2CEC4)
YUV	196.4880, -0.2406, -16.2140
Hunter-Lab	75.8901, -14.2739, 5.7122

Details

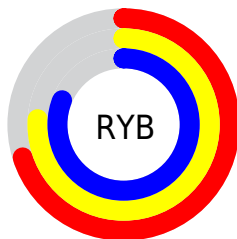
The YUV color $196.4880, -0.2406, -16.2140$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $187.5120, 0.2406, 16.2140$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4930, 2.2220, -12.7104$, and $142.7870, -0.3880, -15.5992$ is the 20% darker color. If you saturate the color by 10%, you get $189.4110, -0.2026, -28.4244$, and if you desaturate by 10%, it is $203.5650, -0.2785, -4.0035$.

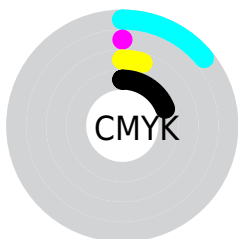
Distribution



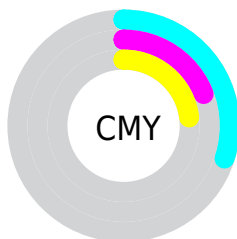
- Red (70%)
- Green (81%)
- Blue (77%)



- Red (70%)
- Yellow (76%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4880, -0.2406, -16.2140 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 196.4880, -0.2406, -16.2140 by changing the saturation by 10% instead.

■ 196.4880, -0.2406,
-16.2140

■ 196.4880, -0.2406,
-16.2140

255.0000, 0.0000,
0.0000

■ 168.9010, 0.0488,
-15.6992

■ 248.4930, 2.2220,
-12.7104

■ 142.7870, -0.3880,
-15.5992

■ 117.2000, -0.0986,
-15.0844

■ 92.4990, -0.2460,
-14.4696

■ 68.9120, 0.0434,
-13.9548

■ 46.2110, -0.1040,
-13.3400

■ 25.0260, 0.4802,

-14.0548

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 196.4880, -0.2406,
-16.2140

■ 196.4880, -0.2406,
-16.2140

■ 189.4110, -0.2026,
-28.4244

■ 203.5650, -0.2785,
-4.0035

■ 182.5190, -0.7489,
-39.9202

■ 210.4570, 0.2677,
7.4922

■ 175.4420, -0.7109,
-52.1306

■ 217.5340, 0.2297,
19.7027

■ 168.6640, -0.8204,
-63.7263

■ 222.8170, 1.0762,
28.2245

■ 161.4730, -1.2192,
-75.8368

■ 223.7290, 4.5706,
27.4247

■ 154.3960, -1.1812,
-88.0473

■ 224.5270, 7.6282,
26.7248

■ 147.6180, -1.2907,
-99.6430

■ 225.3250, 10.6858,
26.0250

■ 140.4270, -1.6895,
-111.7535

■ 226.2370, 14.1802,
25.2252

■ 135.9700, -1.9572,
-119.2457

Harmonies

Analogous

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



197.1640, -5.5039, -8.0368



196.4880, -0.2406, -16.2140



196.2470, 5.3012, -20.3876

Triad

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



196.4880, -0.2406, -16.2140



200.5080, 9.6096, -2.1995



201.2210, -8.4900, 16.4692

Complementary

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



196.4880, -0.2406, -16.2140



187.5120, 0.2406, 16.2140

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.



201.9700, -4.4222, 18.4433



196.4880, -0.2406, -16.2140



201.8360, 5.5039, 8.0368

Square

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



196.4880, -0.2406, -16.2140



199.0830, 10.8051, -12.3508



202.2130, 0.3880, 15.5992



200.0200, -10.3629, 10.5065

Rectangle

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



196.4880, -0.2406, -16.2140



196.6430, 8.0640, -19.8579



202.2130, 0.3880, 15.5992



201.4600, -7.6218, 18.0136

Sweetspot

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



196.4880, -0.2406, -16.2140



251.5540, -0.2731, -5.7479



197.4260, -9.5770, -8.2666



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



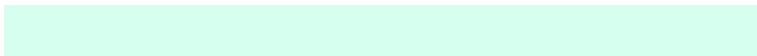
128.0000, 0.0000, 0.0000

Same Dimension

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



196.4880, -0.2406, -16.2140



241.0310, -0.5083, -23.7062



195.2800, 5.2850, -15.1546



98.5540, -0.2731, -5.7479



109.6400, -1.3015, -96.1543



25.1560, -0.0769, -22.0618

Inverse Universe

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



187.5120, 0.2406, 16.2140



227.9690, 0.5083, 23.7062



188.7200, -5.2850, 15.1546



95.3320, -0.1637, 5.8478



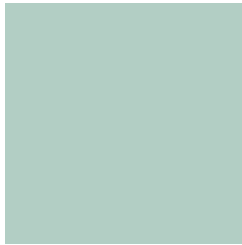
56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 196.4880, -0.2406, -16.2140 looks on a white background.

Color Contrast Check

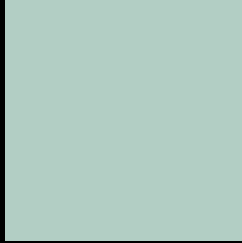
Large Text (above 18pt) WCAG AA × Fail

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 196.4880, -0.2406, -16.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

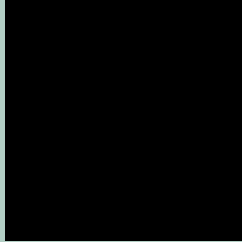
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

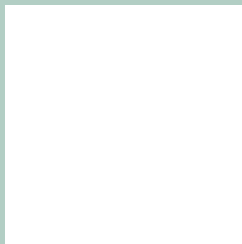
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.4880, -0.2406, -16.2140

Background



This preview shows how black text looks on a background with the YUV color 196.4880, -0.2406, -16.2140.



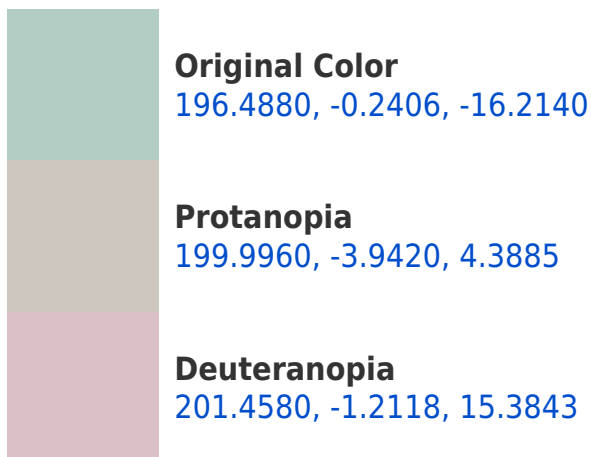
This preview shows how white text looks on a background with the YUV color 196.4880, -0.2406, -16.2140.

-16.2140.

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

198.5450, 10.0843, -14.5100

Trichromacy



Original Color

196.4880, -0.2406, -16.2140

Protanomaly

198.8810, -2.8993, -3.4036

Deuteranomaly

199.7940, -0.8844, 3.6887

Tritanomaly

197.9210, 6.4479, -14.8397

Monochromacy



Original Color

196.4880, -0.2406, -16.2140

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4880, -0.2406, -16.2140 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(178, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 196)  
}
```

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(178, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 196) }
```

Border

The CSS property to change the border of an element to YUV 196.4880, -0.2406, -16.2140 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(178, 206, 196) }
```


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

```
.border{ border-color:rgb(178, 206, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 206, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 206, 196); box-shadow:4px 4px 4px 4px rgb(178, 206, 196) }
```

Background

The CSS property to change the background color of an element to YUV 196.4880, -0.2406, -16.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 196) }
```

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

```
.background{ background-color: rgb(178,  
206, 196) }
```

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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