

Converting Colors

YUV(203.4430, 1.2606,
-31.0835)

Have a look what the booklet for
YUV(203.4430, 1.2606, -31.0835)
contains.

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Color

**YUV(203.4430, 1.2606,
-31.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DDCE
RGB	168, 221, 206
RGB Percent	66%, 87%, 81%
CMY	0.3412, 0.1333, 0.1922
CMYK	0.24, 0.00, 0.07, 0.13
HSL	163°, 44%, 76%
HSV	163°, 24%, 87%
XYZ	53.1455, 64.4940, 68.0400
YIQ	203.4430, -26.7730, -15.9010

Conversions

Conversions Part 2

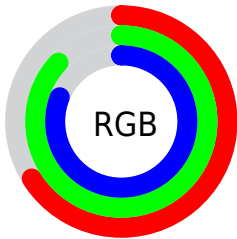
Format	Color
R _Y B	168, 199, 221
Decimal	11066830
CIE Lab	84.22, -20.07, 1.81
CIE LCh	84, 20.154, 174.849
Yxy	64.4940, 0.2862, 0.3473
Android (android.graphics.Color)	4289256910 (0xFFA8DDCE)
YUV	203.4430, 1.2606, -31.0835
Hunter-Lab	80.3081, -22.4134, 5.9830

Details

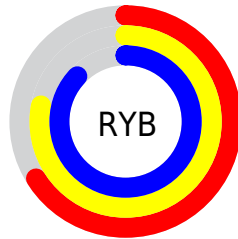
The YUV color $203.4430, 1.2606, -31.0835$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $185.5570, -1.2606, 31.0835$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7310, 4.5696, -19.0581$, and $149.1550, 1.4026, -29.9539$ is the 20% darker color. If you saturate the color by 10%, you get $196.1810, 1.8828, -44.0087$, and if you desaturate by 10%, it is $210.7050, 0.6384, -18.1583$.

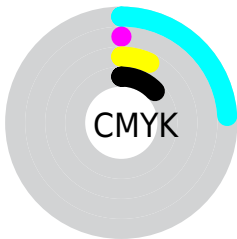
Distribution



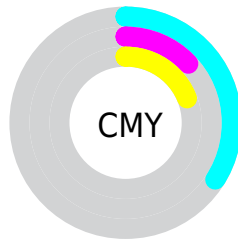
- Red (66%)
- Green (87%)
- Blue (81%)



- Red (66%)
- Yellow (78%)
- Blue (87%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (34%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.4430, 1.2606, -31.0835 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 203.4430, 1.2606, -31.0835 by changing the saturation by 10% instead.


 203.4430, 1.2606,
-31.0835


 203.4430, 1.2606,
-31.0835

255.0000, 0.0000,
0.0000


 175.8560, 1.5500,
-30.5687


 245.7310, 4.5696,
-19.0581

 149.1550, 1.4026,
-29.9539

 254.4020, 0.2948,
-1.2296

 122.5680, 1.6920,
-29.4391

 97.5680, 1.6920,
-29.4391

 72.6820, 2.1288,
-29.5391

 47.8990, 3.0078,
-31.4834

 29.0030, 1.9705,

-25.4356

■ 15.2280, -2.5774,
-13.3550

■ 0.0000, 0.0000,
0.0000

■ 203.4430, 1.2606,
-31.0835

■ 203.4430, 1.2606,
-31.0835

■ 196.1810, 1.8828,
-44.0087

■ 210.7050, 0.6384,
-18.1583

■ 188.8050, 2.0681,
-56.8340

■ 218.0810, 0.4531,
-5.3330

■ 181.5430, 2.6903,
-69.7592

■ 225.3430, -0.1691,
7.5922

■ 174.2810, 3.3125,
-82.6844

■ 232.3060, -0.6439,
19.9026

■ 166.7200, 4.0820,
-96.2244

■ 232.9900, 1.9769,
19.3028

■ 159.3440, 4.2674,
-109.0497

■ 233.7880, 5.0345,
18.6029

■ 152.0820, 4.8896,
-121.9749

■ 234.4720, 7.6553,
18.0031

■ 147.7390, 5.0587,
-129.5671

■ 235.0420, 9.8393,
17.5032

Harmonies

Analogous

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



205.5990, -8.6763, -17.1883



203.4430, 1.2606, -31.0835



203.2170, 10.7390, -37.9013

Triad

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



203.4430, 1.2606, -31.0835



211.2290, 16.1561, -1.9548



211.7510, -15.6532, 27.4054

Complementary

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



203.4430, 1.2606, -31.0835



185.5570, -1.2606, 31.0835

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.



213.2060, -8.9756, 32.2683



203.4430, 1.2606, -31.0835



213.2160, 9.2605, 16.4736

Square

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



203.4430, 1.2606, -31.0835



208.5040, 18.9785, -20.6130



213.5890, 0.2026, 28.4244



209.9900, -18.2361, 15.7948

Rectangle

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



203.4430, 1.2606, -31.0835



203.8950, 15.8278, -36.7419



213.5890, 0.2026, 28.4244



212.2290, -13.9169, 30.4942

Sweetspot

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



203.4430, 1.2606, -31.0835



249.0480, 0.4693, -10.5661



203.5960, -17.5488, -18.0627



124.3690, 0.3111, -6.4626



0.0000, 0.0000, 0.0000



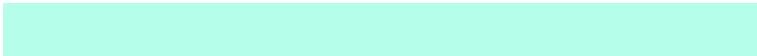
128.0000, 0.0000, 0.0000

Same Dimension

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



203.4430, 1.2606, -31.0835



230.4800, 1.7354, -43.3940



198.6960, 10.9959, -26.9204



106.3690, 0.3111, -6.4626



115.6870, 4.0983, -101.4575



30.7640, 1.1023, -26.9800

Inverse Universe

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



185.5570, -1.2606, 31.0835



205.5200, -1.7354, 43.3940



190.3040, -10.9959, 26.9204



102.6310, -0.3111, 6.4626



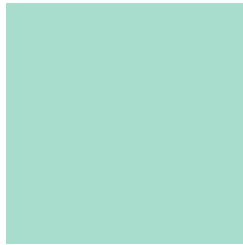
57.3130, -4.0983, 101.4575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 203.4430, 1.2606, -31.0835 looks on a white background.

Color Contrast Check

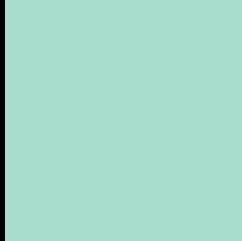
Large Text (above 18pt) WCAG AA × Fail

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 203.4430, 1.2606, -31.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

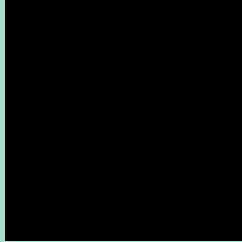
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

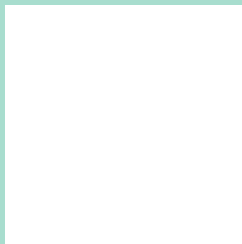
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.4430, 1.2606, -31.0835

Background



This preview shows how black text looks on a background with the YUV color 203.4430, 1.2606, -31.0835.



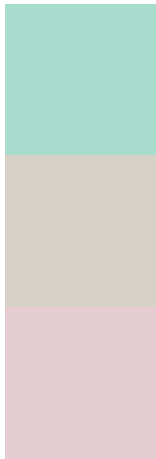
This preview shows how white text looks on a background with the YUV color 203.4430, 1.2606, -31.0835.

-31.0835.

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

203.4430, 1.2606, -31.0835

Protanopia

209.9530, -5.3998, 5.3032

Deuteranopia

211.5720, -0.7750, 15.2844



Tritanopia

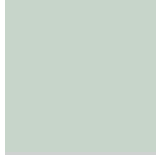
206.0810, 13.7641, -28.1350

Trichromacy



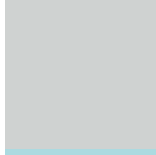
Original Color

203.4430, 1.2606, -31.0835



Protanomaly

207.5600, -2.7411, -7.5071



Deuteranomaly

208.9890, 0.0054, -1.7444



Tritanomaly

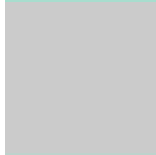
204.9300, 9.4015, -28.8796

Monochromacy



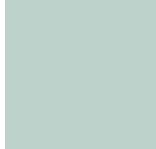
Original Color

203.4430, 1.2606, -31.0835



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.3360, 0.3274, -11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.4430, 1.2606, -31.0835 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(168, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(168, 221, 206)  
}
```

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(168, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 221, 206) }
```

Border

The CSS property to change the border of an element to YUV 203.4430, 1.2606, -31.0835 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(168, 221, 206) }
```


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

```
.border{ border-color:rgb(168, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 221, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 221, 206); box-shadow:4px 4px 4px 4px rgb(168, 221, 206) }
```

Background

The CSS property to change the background color of an element to YUV 203.4430, 1.2606, -31.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 221, 206) }
```

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

```
.background{ background-color: rgb(168,  
221, 206) }
```

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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