

Converting Colors

YUV(206.5530, -2.2446,
-26.7950)

Have a look what the booklet for
YUV(206.5530, -2.2446, -26.7950)
contains.

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Color

**YUV(206.5530, -2.2446,
-26.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DFCA
RGB	176, 223, 202
RGB Percent	69%, 87%, 79%
CMY	0.3098, 0.1255, 0.2078
CMYK	0.21, 0.00, 0.09, 0.13
HSL	153°, 42%, 78%
HSV	153°, 21%, 87%
XYZ	54.9528, 66.2697, 65.7721
YIQ	206.5530, -21.2710, -16.4950

Conversions

Conversions Part 2

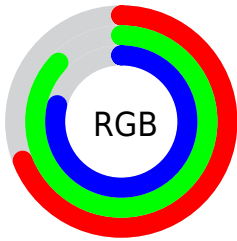
Format	Color
RYB	176, 206, 223
Decimal	11591626
CIELab	85.13, -19.38, 5.30
CIElCh	85, 20.096, 164.702
Yxy	66.2697, 0.2939, 0.3544
Android (android.graphics.Color)	4289781706 (0xFFB0DFCA)
YUV	206.5530, -2.2446, -26.7950
Hunter-Lab	81.4062, -21.9654, 9.0810

Details

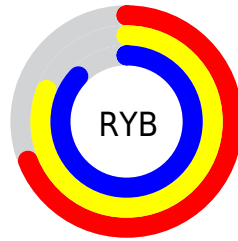
The YUV color $206.5530, -2.2446, -26.7950$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $192.4470, 2.2446, 26.7950$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $152.2650, -2.1026, -25.6654$ is the 20% darker color. If you saturate the color by 10%, you get $198.8350, -3.3697, -39.3203$, and if you desaturate by 10%, it is $214.2710, -1.1196, -14.2697$.

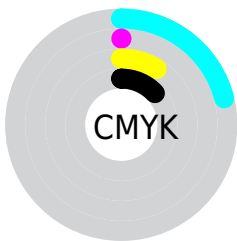
Distribution



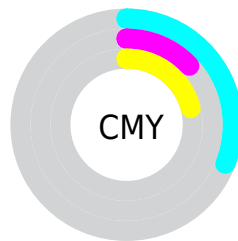
- Red (69%)
- Green (87%)
- Blue (79%)



- Red (69%)
- Yellow (81%)
- Blue (87%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)




- Cyan (31%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.5530, -2.2446, -26.7950 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 206.5530, -2.2446, -26.7950 by changing the saturation by 10% instead.

 206.5530, -2.2446,
-26.7950

 206.5530, -2.2446,
-26.7950

255.0000, 0.0000,
0.0000


 178.9660, -1.9552,
-26.2802


 248.1230, 3.3904,
-14.1399

 152.2650, -2.1026,
-25.6654

 125.6780, -1.8133,
-25.1506

 100.6780, -1.8133,
-25.1506

 76.2050, -1.0871,
-24.7358

 52.3190, -0.6503,
-24.8358

 29.8350, 0.0813,

-26.1653

■ 15.8320, -5.3402,
-13.8847

■ 0.0000, 0.0000,
0.0000

■ 206.5530, -2.2446,
-26.7950

■ 206.5530, -2.2446,
-26.7950

■ 198.8350, -3.3697,
-39.3203

■ 214.2710, -1.1196,
-14.2697

■ 190.8180, -4.3473,
-52.4604

■ 222.2880, -0.1420,
-1.1296

■ 183.1000, -5.4723,
-64.9857

■ 230.0060, 0.9830,
11.3957

■ 175.3820, -6.5973,
-77.5110

■ 234.7340, 3.5821,
17.7733

■ 167.6640, -7.7224,
-90.0363

■ 235.8740, 7.9501,
16.7735

■ 159.6470, -8.7000,
-103.1764

■ 236.2160, 9.2605,
16.4736

■ 151.9290, -9.8250,
-115.7017

■ 144.9230,
-10.8080, -127.0975

Harmonies

Analogous

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



208.8340, -11.7502, -11.2554



206.5530, -2.2446, -26.7950



205.8320, 7.9708, -36.6867

Triad

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



206.5530, -2.2446, -26.7950



213.2390, 17.6302, -8.1026



214.9300, -13.7695, 29.8794

Complementary

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



206.5530, -2.2446, -26.7950



192.4470, 2.2446, 26.7950

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.



216.3030, -6.0654, 32.1833



206.5530, -2.2446, -26.7950



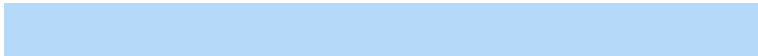
215.5680, 12.0450, 10.0259

Square

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



206.5530, -2.2446, -26.7950



209.5850, 19.4316, -25.9460



216.0770, 3.4130, 25.3655



213.0230, -18.2523, 21.0278

Rectangle

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



206.5530, -2.2446, -26.7950



206.0150, 13.7966, -38.6012



216.0770, 3.4130, 25.3655



215.2230, -11.4489, 32.2534

Sweetspot

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



206.5530, -2.2446, -26.7950



249.7170, -0.8465, -8.5218



209.8680, -16.6969, -11.2852



124.8530, -0.4205, -5.1331



0.0000, 0.0000, 0.0000



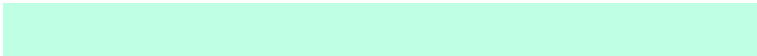
128.0000, 0.0000, 0.0000

Same Dimension

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



206.5530, -2.2446, -26.7950



232.6720, -2.7963, -36.5463



207.7730, 7.5069, -27.8649



108.1410, -0.5625, -6.2627



114.3700, -8.5634, -100.3025



31.2540, -2.0972, -27.4098

Inverse Universe

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



192.4470, 2.2446, 26.7950



213.4420, 3.2331, 36.4464



191.2270, -7.5069, 27.8649



104.8590, 0.5625, 6.2627



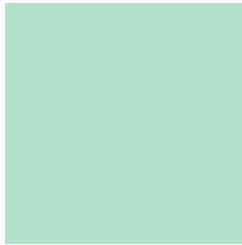
61.6300, 8.5634, 100.3025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 206.5530, -2.2446, -26.7950 looks on a white background.

Color Contrast Check

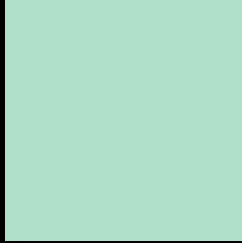
Large Text (above 18pt) WCAG AA × Fail

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 206.5530, -2.2446, -26.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

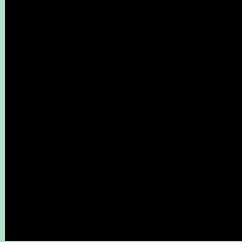
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

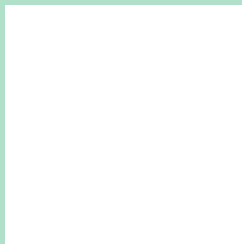
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.5530, -2.2446, -26.7950

Background



This preview shows how black text looks on a background with the YUV color 206.5530, -2.2446, -26.7950.



This preview shows how white text looks on a background with the YUV color 206.5530, -2.2446, -26.7950.

-26.7950.

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

206.5530, -2.2446, -26.7950

Protanopia

211.9810, -7.8786, 7.0327

Deuteranopia

214.0840, -3.9854, 18.3433



Tritanopia

209.2880, 13.1690, -23.9316

Trichromacy



Original Color

206.5530, -2.2446, -26.7950

Protanomaly

209.7730, -5.8041, -5.0629

Deuteranomaly

211.8000, -3.3524, 1.9294

Tritanomaly

208.4960, 7.6435, -24.9910

Monochromacy



Original Color

206.5530, -2.2446, -26.7950

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.0050, -0.9885, -9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5530, -2.2446, -26.7950 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(176, 223, 202)` looks like.

```
.text, #text, p{  
    color:rgb(176, 223, 202)  
}
```

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(176, 223, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 223, 202) }
```

Border

The CSS property to change the border of an element to YUV 206.5530, -2.2446, -26.7950 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(176, 223, 202) }
```


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

```
.border{ border-color:rgb(176, 223, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 223, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 223, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 223, 202); box-shadow:4px 4px 4px 4px rgb(176, 223, 202) }
```

Background

The CSS property to change the background color of an element to YUV 206.5530, -2.2446, -26.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 223, 202) }
```

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

```
.background{ background-color: rgb(176,  
223, 202) }
```

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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