

Converting Colors

YUV(210.0810, -6.4489,
-31.6430)

Have a look what the booklet for
YUV(210.0810, -6.4489, -31.6430)
contains.

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Color

**YUV(210.0810, -6.4489,
-31.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE7C5
RGB	174, 231, 197
RGB Percent	68%, 91%, 77%
CMY	0.3176, 0.0941, 0.2275
CMYK	0.25, 0.00, 0.15, 0.09
HSL	144°, 54%, 79%
HSV	144°, 25%, 91%
XYZ	56.1095, 70.1817, 63.4125
YIQ	210.0810, -23.0580, -22.6580

Conversions

Conversions Part 2

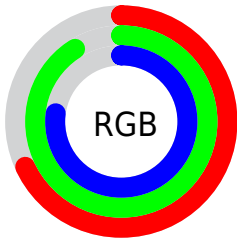
Format	Color
RYB	174, 215, 231
Decimal	11462597
CIELab	87.09, -24.90, 10.71
CIELCh	87, 27.104, 156.715
Yxy	70.1817, 0.2958, 0.3700
Android (android.graphics.Color)	4289652677 (0xFFAAEE7C5)
YUV	210.0810, -6.4489, -31.6430
Hunter-Lab	83.7745, -27.0518, 13.7631

Details

The YUV color **210.0810, -6.4489, -31.6430** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **194.9190, 6.4489, 31.6430**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.4110, 3.2484, -15.2694**, and **154.9070, -5.8702, -30.6134** is the 20% darker color. If you saturate the color by 10%, you get **201.6080, -9.1737, -44.3832**, and if you desaturate by 10%, it is **218.5540, -3.7241, -18.9029**.

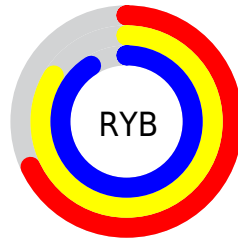
Distribution



Red (68%)

Green (91%)

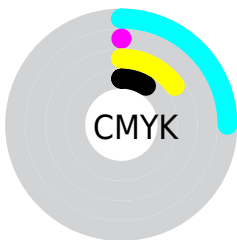
Blue (77%)



Red (68%)

Yellow (84%)

Blue (91%)

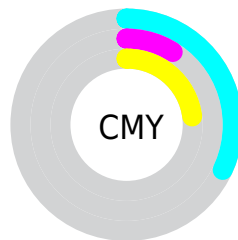


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (9%)



Cyan (32%)


Magenta (9%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.0810, -6.4489, -31.6430 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 210.0810, -6.4489, -31.6430 by changing the saturation by 10% instead.

 210.0810, -6.4489,
-31.6430


 210.0810, -6.4489,
-31.6430

255.0000, 0.0000,
0.0000


 182.4940, -6.1595,
-31.1282

 247.4110, 3.2484,
-15.2694

 154.9070, -5.8702,
-30.6134

 128.7330, -5.2914,
-29.5838

 102.8470, -4.8546,
-29.6838

 78.2600, -4.5652,
-29.1690

 53.8900, -3.3968,
-30.5985

 32.3140, -3.1128,

-28.3394

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 210.0810, -6.4489,
-31.6430

■ 210.0810, -6.4489,
-31.6430

■ 201.6080, -9.1737,
-44.3832

■ 218.5540, -3.7241,
-18.9029

■ 193.1350,
-11.8986, -57.1234

■ 227.0270, -0.9993,
-6.1627

■ 184.7760,
-14.1866, -69.9636

■ 235.3860, 1.2887,
6.6775

■ 176.3030,
-16.9114, -82.7037

■ 240.5700, 5.6350,
12.6551

■ 167.8300,
-19.6362, -95.4439

■ 240.9120, 6.9454,
12.3552

■ 159.0580,
-22.2136, -108.7989

■ 150.6990,
-24.5016, -121.6390

■ 146.1990,
-26.2271, -128.2165

Harmonies

Analogous

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



213.4230, -18.4495, -9.1410



210.0810, -6.4489, -31.6430



207.3420, 7.7194, -49.4119

Triad

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



210.0810, -6.4489, -31.6430



215.3410, 19.5519, -17.8391



216.9520, -13.7803, 33.3681

Complementary

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



210.0810, -6.4489, -31.6430



194.9190, 6.4489, 31.6430

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.



217.9270, -2.4290, 32.5130



210.0810, -6.4489, -31.6430



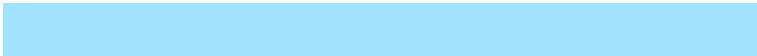
221.1100, 16.7078, 7.7965

Square

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



210.0810, -6.4489, -31.6430



210.4690, 21.9538, -41.6303



222.0650, 8.3490, 28.8840



219.1230, -23.2316, 31.4641

Rectangle

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



210.0810, -6.4489, -31.6430



206.8990, 16.3188, -54.2854



222.0650, 8.3490, 28.8840



216.5760, -10.1440, 33.6978

Sweetspot

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



210.0810, -6.4489, -31.6430



248.3640, -2.1515, -9.9662



217.6250, -21.5071, -8.4411



123.9130, -1.4361, -6.0627



0.0000, 0.0000, 0.0000



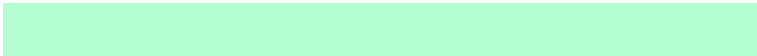
128.0000, 0.0000, 0.0000

Same Dimension

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



210.0810, -6.4489, -31.6430



227.0320, -8.8898, -42.1241



213.2730, 5.7814, -34.4424



110.6140, -1.2887, -6.6775



113.2810, -20.3515, -99.3474



32.3310, -5.5862, -28.3543

Inverse Universe

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



194.9190, 6.4489, 31.6430



206.8540, 8.4530, 42.2240



191.7270, -5.7814, 34.4424



107.3860, 1.2887, 6.6775



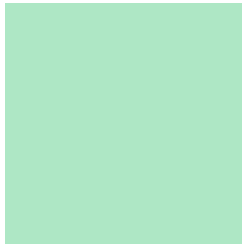
65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 210.0810, -6.4489, -31.6430 looks on a white background.

Color Contrast Check

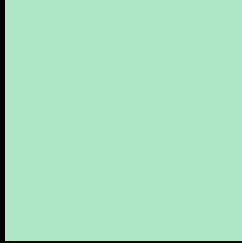
Large Text (above 18pt) WCAG AA × Fail

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 210.0810, -6.4489, -31.6430 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 210.0810, -6.4489, -31.6430

Background



This preview shows how black text looks on a background with the YUV color 210.0810, -6.4489, -31.6430.



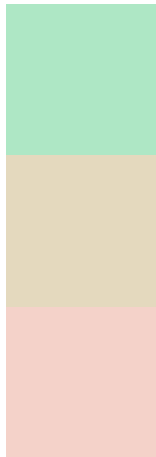
This preview shows how white text looks on a background with the YUV color 210.0810, -6.4489, -31.6430.

-31.6430.

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**

210.0810, -6.4489, -31.6430

Protanopia

217.2110, -13.4150, 9.4620

Deuteranopia

219.1400, -8.9430, 21.8022



Tritanopia

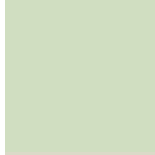
214.4940, 14.0535, -27.6202

Trichromacy



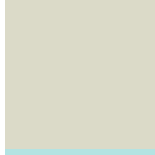
Original Color

210.0810, -6.4489, -31.6430



Protanomaly

214.5080, -10.6034, -5.7075



Deuteranomaly

216.2470, -8.0098, 2.4144



Tritanomaly

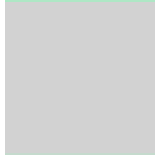
212.8330, 6.4913, -28.7945

Monochromacy



Original Color

210.0810, -6.4489, -31.6430



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.2390, -2.5828, -11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0810, -6.4489, -31.6430 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(174, 231, 197)` looks like.

```
.text, #text, p{  
    color:rgb(174, 231, 197)  
}
```

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(174, 231, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 231, 197) }
```

Border

The CSS property to change the border of an element to YUV 210.0810, -6.4489, -31.6430 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(174, 231, 197) }
```


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

```
.border{ border-color:rgb(174, 231, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 231, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 231, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 231, 197);  
box-shadow:4px 4px 4px 4px rgb(174, 231,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 210.0810, -6.4489, -31.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 231, 197) }
```

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

```
.background{ background-color: rgb(174,  
231, 197) }
```

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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