

Converting Colors

YUV(215.1970, -15.8731,
-42.2688)

Have a look what the booklet for
YUV(215.1970, -15.8731, -42.2688)
contains.

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Color

**YUV(215.1970, -15.8731,
-42.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F6B7
RGB	167, 246, 183
RGB Percent	65%, 96%, 72%
CMY	0.3451, 0.0353, 0.2824
CMYK	0.32, 0.00, 0.26, 0.04
HSL	132°, 81%, 81%
HSV	132°, 32%, 96%
XYZ	57.4394, 77.5459, 56.7402
YIQ	215.1970, -26.8610, -36.3410

Conversions

Conversions Part 2

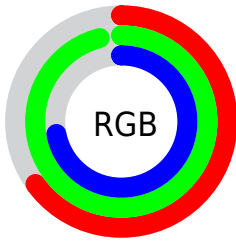
Format	Color
RYB	167, 233, 246
Decimal	11007671
CIELab	90.57, -36.64, 22.80
CIElCh	91, 43.152, 148.102
Yxy	77.5459, 0.2996, 0.4045
Android (android.graphics.Color)	4289197751 (0xFFA7F6B7)
YUV	215.1970, -15.8731, -42.2688
Hunter-Lab	88.0602, -37.6744, 23.4395

Details

The YUV color **215.1970, -15.8731, -42.2688** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **197.8030, 15.8731, 42.2688**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9070, -2.4192, -17.4584**, and **159.2510, -14.4207, -41.4391** is the 20% darker color. If you saturate the color by 10%, you get **205.4420, -20.9239, -55.6386**, and if you desaturate by 10%, it is **224.9520, -10.8223, -28.8989**.

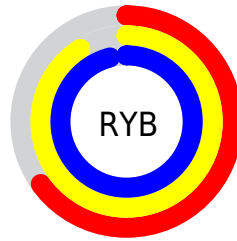
Distribution



Red (65%)

Green (96%)

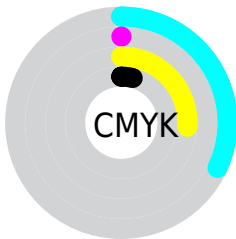
Blue (72%)



Red (65%)

Yellow (91%)

Blue (96%)

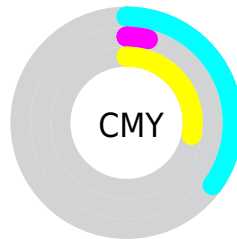


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (35%)

Magenta (4%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.1970, -15.8731, -42.2688 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 215.1970, -15.8731, -42.2688 by changing the saturation by 10% instead.

■ 215.1970,
-15.8731, -42.2688

■ 215.1970,
-15.8731, -42.2688

255.0000, 0.0000,
0.0000

■ 186.7240,
-15.1469, -41.8539

■ 243.9070, -2.4192,
-17.4584

■ 159.2510,
-14.4207, -41.4391

■ 254.4020, 0.2948,
-1.2296

■ 132.3650,
-13.9839, -41.5391

■ 106.0060,
-12.8210, -41.2243

■ 79.0380, -11.3577,
-43.8833

■ 53.7710, -9.7471,
-47.1572

■ 37.1750, -12.4113,

-32.6025

■ 22.8930, -11.2862,
-20.0772

■ 2.3480, -1.1576,
-2.0592

■ 215.1970,
-15.8731, -42.2688

■ 215.1970,
-15.8731, -42.2688

■ 205.4420,
-20.9239, -55.6386

■ 224.9520,
-10.8223, -28.8989

■ 196.1000,
-25.6853, -68.4937

■ 234.2940, -6.0609,
-16.0438

■ 186.3450,
-30.7361, -81.8636

■ 244.0490, -1.0102,
-2.6740

■ 177.0030,
-35.4975, -94.7186

■ 249.7170, 2.6045,
4.6332

■ 167.2480,
-40.5483, -108.0885

■ 157.4930,
-45.5990, -121.4584

■ 150.1020,
-49.3503, -131.6395

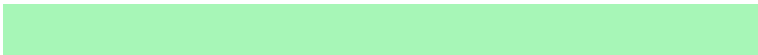
Harmonies

Analogous

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



221.2590, -33.1587, -4.6121



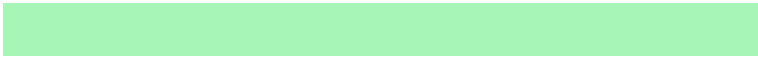
215.1970, -15.8731, -42.2688



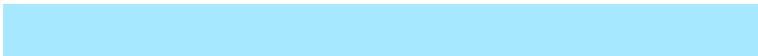
206.9700, 8.3958, -79.7807

Triad

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



215.1970, -15.8731, -42.2688



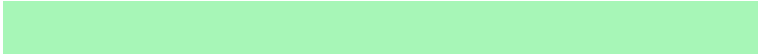
215.4750, 19.4858, -43.3896



214.8320, -11.7492, 35.2273

Complementary

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



215.1970, -15.8731, -42.2688



197.8030, 15.8731, 42.2688

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.



218.3320, 6.7383, 32.1578



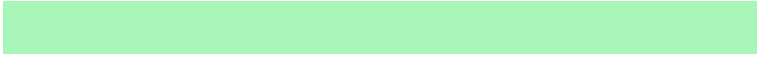
215.1970, -15.8731, -42.2688



225.5070, 14.5400, 3.0634

Square

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



215.1970, -15.8731, -42.2688



202.7960, 25.7366, -88.3981



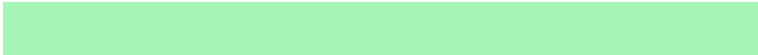
225.0630, 14.7589, 26.2547



217.6410, -28.9100, 32.7638

Rectangle

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



215.1970, -15.8731, -42.2688



201.1920, 25.0483, -101.0234



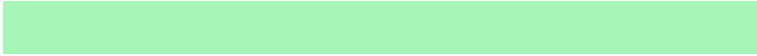
225.0630, 14.7589, 26.2547



215.1400, -5.4920, 34.9572

Sweetspot

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



215.1970, -15.8731, -42.2688



245.2450, -5.0508, -13.3699



232.2100, -32.1485, -1.9382



121.7340, -3.3199, -8.5367



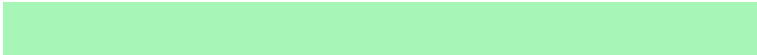
0.0000, 0.0000, 0.0000



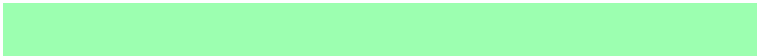
128.0000, 0.0000, 0.0000

Same Dimension

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



215.1970, -15.8731, -42.2688



216.3930, -19.9137, -52.9647



219.6430, 1.1620, -46.1679



117.3860, -2.1623, -6.4775



113.5140, -37.2284, -99.5518



36.0010, -11.8325, -31.5729

Inverse Universe

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



197.8030, 15.8731, 42.2688



194.6070, 19.9137, 52.9647



193.3570, -1.1620, 46.1679



114.7280, 2.5991, 6.3775



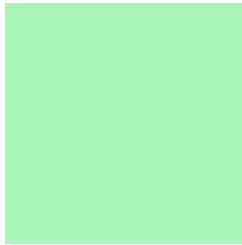
72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 215.1970, -15.8731, -42.2688 looks on a white background.

Color Contrast Check

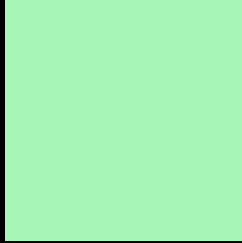
Large Text (above 18pt) WCAG AA × Fail

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 215.1970, -15.8731, -42.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

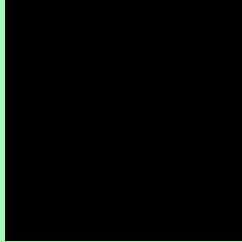
Any Text WCAG AA ✓ Pass

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 215.1970, -15.8731, -42.2688 Background



This preview shows how black text looks on a background with the YUV color 215.1970, -15.8731, -42.2688.



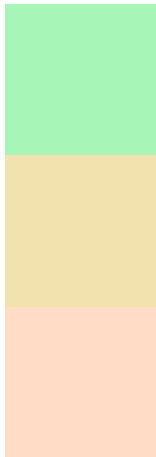
This preview shows how white text looks on a background with the YUV color 215.1970, -15.8731, -42.2688.

-42.2688.

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

215.1970, -15.8731, -42.2688

Protanopia

225.4430, -25.3614, 14.5205

Deuteranopia

227.9570, -14.7688, 23.7167



Tritanopia

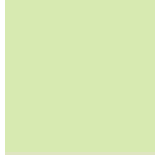
222.0200, 16.2591, -35.0975

Trichromacy



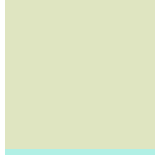
Original Color

215.1970, -15.8731, -42.2688



Protanomaly

221.8210, -22.0968, -5.9820



Deuteranomaly

223.1020, -14.8403, -0.0895



Tritanomaly

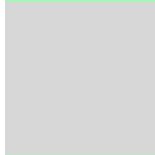
219.9090, 4.4819, -37.6312

Monochromacy



Original Color

215.1970, -15.8731, -42.2688



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0060, -5.9190, -14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.1970, -15.8731, -42.2688 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(167, 246, 183)` looks like.

```
.text, #text, p{  
    color:rgb(167, 246, 183)  
}
```

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(167, 246, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 246, 183) }
```

Border

The CSS property to change the border of an element to YUV 215.1970, -15.8731, -42.2688 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(167, 246, 183) }
```


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

```
.border{ border-color:rgb(167, 246, 183) }
```

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

Here you see how a box with a 4 pixel rgb(167, 246, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 246, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 246, 183);  
box-shadow:4px 4px 4px 4px rgb(167, 246,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 215.1970, -15.8731, -42.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 246, 183) }
```

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

```
.background{ background-color: rgb(167,  
246, 183) }
```

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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