

Converting Colors

YUV(215.4750, -17.4892,
-37.2506)

Have a look what the booklet for
YUV(215.4750, -17.4892, -37.2506)
contains.

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Color

**YUV(215.4750, -17.4892,
-37.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF4B4
RGB	173, 244, 180
RGB Percent	68%, 96%, 71%
CMY	0.3216, 0.0431, 0.2941
CMYK	0.29, 0.00, 0.26, 0.04
HSL	126°, 76%, 82%
HSV	126°, 29%, 96%
XYZ	57.8225, 76.8809, 54.9719
YIQ	215.4750, -21.7720, -34.9560

Conversions

Conversions Part 2

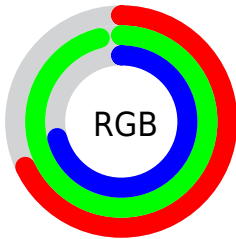
Format	Color
RYB	173, 238, 244
Decimal	11400372
CIELab	90.27, -34.38, 23.96
CIELCh	90, 41.909, 145.123
Yxy	76.8809, 0.3048, 0.4053
Android (android.graphics.Color)	4289590452 (0xFFADF4B4)
YUV	215.4750, -17.4892, -37.2506
Hunter-Lab	87.6817, -35.7297, 24.2054

Details

The YUV color **215.4750, -17.4892, -37.2506** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **201.5250, 17.4892, 37.2506**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3590, -4.6140, -13.4698**, and **159.8280, -16.1842, -35.8062** is the 20% darker color. If you saturate the color by 10%, you get **205.7910, -23.5610, -49.8057**, and if you desaturate by 10%, it is **225.1590, -11.4174, -24.6954**.

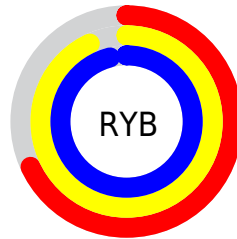
Distribution



Red (68%)

Green (96%)

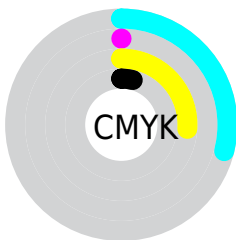
Blue (71%)



Red (68%)

Yellow (93%)

Blue (96%)

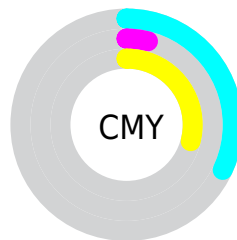


Cyan (29%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (32%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4750, -17.4892, -37.2506 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 215.4750, -17.4892, -37.2506 by changing the saturation by 10% instead.

■ 215.4750,
-17.4892, -37.2506

■ 215.4750,
-17.4892, -37.2506

255.0000, 0.0000,
0.0000

■ 187.0020,
-16.7630, -36.8358

■ 245.3590, -4.6140,
-13.4698

■ 159.8280,
-16.1842, -35.8062

■ 133.0560,
-15.3106, -36.0061

■ 107.1700,
-14.8738, -36.1061

■ 81.2130, -13.4160,
-37.0208

■ 53.7500, -11.2157,
-42.7537

■ 35.6590, -13.1429,

-31.2729

■ 22.3060, -10.9969,
-19.5624

■ 1.1740, -0.5788,
-1.0296

■ 215.4750,
-17.4892, -37.2506

■ 215.4750,
-17.4892, -37.2506

■ 205.7910,
-23.5610, -49.8057

■ 225.1590,
-11.4174, -24.6954

■ 195.8080,
-29.4853, -62.9756

■ 235.1420, -5.4930,
-11.5255

■ 186.1240,
-35.5571, -75.5307

■ 244.8260, 0.5788,
1.0296

■ 176.1410,
-41.4815, -88.7007

■ 248.5430, 3.1833,
5.6628

■ 166.4570,
-47.5533, -101.2558

■ 156.7730,
-53.6251, -113.8109

■ 146.7900,
-59.5495, -126.9808

■ 145.9640,
-60.1283, -128.0104

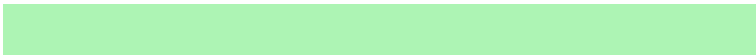
Harmonies

Analogous

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



221.1670, -33.6063, -1.0235



215.4750, -17.4892, -37.2506



208.2050, 5.3219, -73.8478

Triad

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



215.4750, -17.4892, -37.2506



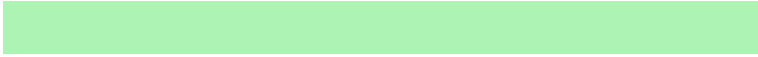
213.9800, 20.2229, -46.4635



215.2880, -10.0020, 34.8274

Complementary

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



215.4750, -17.4892, -37.2506



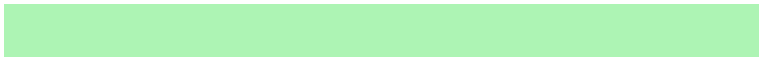
201.5250, 17.4892, 37.2506

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.



218.6740, 8.0487, 31.8579



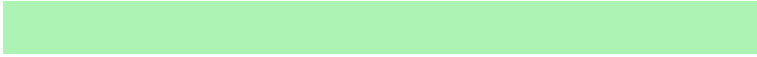
215.4750, -17.4892, -37.2506



224.3000, 15.1351, -1.1401

Square

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



215.4750, -17.4892, -37.2506



202.5080, 25.8786, -87.2685



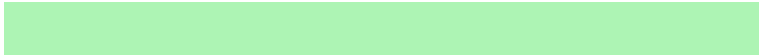
225.6500, 14.4696, 25.7400



217.5100, -26.8734, 32.8787

Rectangle

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



215.4750, -17.4892, -37.2506



203.0250, 21.6797, -93.8609



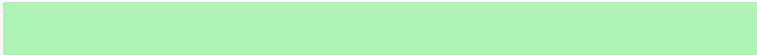
225.6500, 14.4696, 25.7400



215.5960, -3.7448, 34.5573

Sweetspot

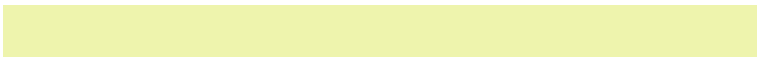
The Sweet Spot groups the original color and five complimentary colors.



215.4750, -17.4892, -37.2506



245.7290, -5.7824, -12.0403



234.1120, -30.1282, 3.4098



122.0330, -3.4673, -7.9219



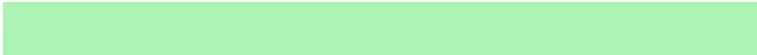
0.0000, 0.0000, 0.0000



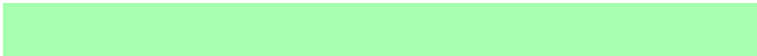
128.0000, 0.0000, 0.0000

Same Dimension

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



215.4750, -17.4892, -37.2506



219.2690, -21.8246, -46.7169



219.3510, -2.6380, -40.6498



117.1580, -3.0359, -6.2776



111.2340, -45.9644, -97.5522



35.3170, -14.4533, -30.9730

Inverse Universe

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



201.5250, 17.4892, 37.2506



201.7310, 21.8246, 46.7169



197.6490, 2.6380, 40.6498



114.8420, 3.0359, 6.2776



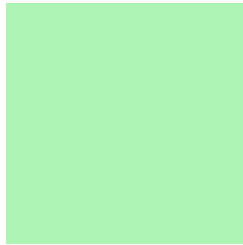
74.7660, 45.9644, 97.5522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 215.4750, -17.4892, -37.2506 looks on a white background.

Color Contrast Check

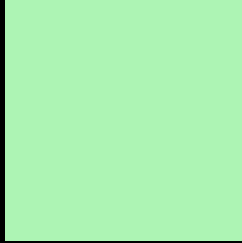
Large Text (above 18pt) WCAG AA × Fail

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 215.4750, -17.4892, -37.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

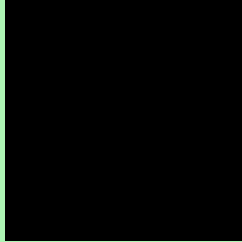
Any Text WCAG AA ✓ Pass

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 215.4750, -17.4892, -37.2506 Background



This preview shows how black text looks on a background with the YUV color 215.4750, -17.4892, -37.2506.



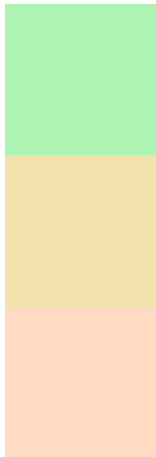
This preview shows how white text looks on a background with the YUV color 215.4750, -17.4892, -37.2506.

-37.2506.

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

215.4750, -17.4892, -37.2506

Protanopia

224.6280, -25.9456, 15.2352

Deuteranopia

227.0280, -15.7898, 24.5314



Tritanopia

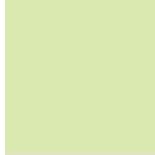
222.1130, 15.2273, -30.7941

Trichromacy



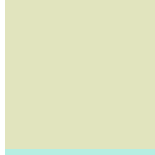
Original Color

215.4750, -17.4892, -37.2506



Protanomaly

221.6040, -22.9758, -4.0377



Deuteranomaly

222.7710, -16.1561, 1.9548



Tritanomaly

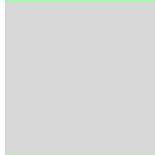
219.8880, 3.0132, -33.2278

Monochromacy



Original Color

215.4750, -17.4892, -37.2506



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.4900, -6.6506, -13.5847

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4750, -17.4892, -37.2506 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(173, 244, 180)` looks like.

```
.text, #text, p{  
    color:rgb(173, 244, 180)  
}
```

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(173, 244, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 244, 180) }
```

Border

The CSS property to change the border of an element to YUV 215.4750, -17.4892, -37.2506 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(173, 244, 180) }
```


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

```
.border{ border-color:rgb(173, 244, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 244, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 244, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 244, 180);  
box-shadow:4px 4px 4px 4px rgb(173, 244,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 215.4750, -17.4892, -37.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 244, 180) }
```

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

```
.background{ background-color: rgb(173,  
244, 180) }
```

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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