

Converting Colors

YUV(208.9850, -14.2896,
-36.8208)

Have a look what the booklet for
YUV(208.9850, -14.2896, -36.8208)
contains.

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Color

**YUV(208.9850, -14.2896,
-36.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ECB4
RGB	167, 236, 180
RGB Percent	65%, 93%, 71%
CMY	0.3451, 0.0745, 0.2941
CMYK	0.29, 0.00, 0.24, 0.07
HSL	131°, 64%, 79%
HSV	131°, 29%, 93%
XYZ	54.1700, 71.5017, 54.1262
YIQ	208.9850, -23.1480, -32.0440

Conversions

Conversions Part 2

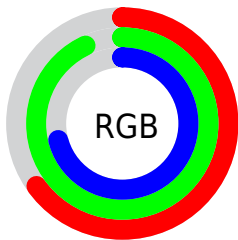
Format	Color
RYB	167, 225, 236
Decimal	11005108
CIELab	87.73, -32.55, 20.41
CIELCh	88, 38.423, 147.916
Yxy	71.5017, 0.3013, 0.3977
Android (android.graphics.Color)	4289195188 (0xFFA7ECB4)
YUV	208.9850, -14.2896, -36.8208
Hunter-Lab	84.5587, -33.6269, 21.2394

Details

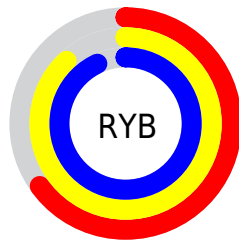
The YUV color **208.9850, -14.2896, -36.8208** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **194.0150, 14.2896, 36.8208**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2660, -3.5821, -17.7733**, and **153.9250, -13.2740, -35.8912** is the 20% darker color. If you saturate the color by 10%, you get **199.6430, -19.0510, -49.6759**, and if you desaturate by 10%, it is **218.3270, -9.5282, -23.9658**.

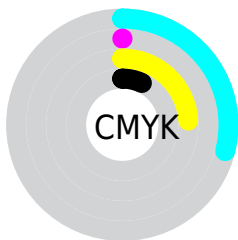
Distribution



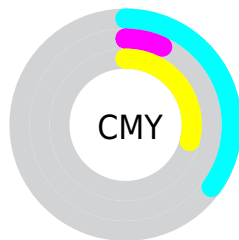
- Red (65%)
- Green (93%)
- Blue (71%)



- Red (65%)
- Yellow (88%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.9850, -14.2896, -36.8208 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 208.9850, -14.2896, -36.8208 by changing the saturation by 10% instead.

■ 208.9850,
-14.2896, -36.8208

■ 208.9850,
-14.2896, -36.8208

255.0000, 0.0000,
0.0000

■ 181.3980,
-14.0002, -36.3060

■ 243.2660, -3.5821,
-17.7733

■ 153.9250,
-13.2740, -35.8912

■ 254.4020, 0.2948,
-1.2296

■ 127.4520,
-12.5478, -35.4764

■ 101.6800,
-11.6742, -35.6764

■ 75.6090, -10.6532,
-36.4911

■ 48.8470, -8.3056,
-42.8388

■ 32.2510, -10.9697,

-28.2841

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 208.9850,
-14.2896, -36.8208

■ 208.9850,
-14.2896, -36.8208

■ 199.6430,
-19.0510, -49.6759

■ 218.3270, -9.5282,
-23.9658

■ 190.6000,
-23.9598, -61.9162

■ 227.3700, -4.6194,
-11.7255

■ 181.2580,
-28.7212, -74.7713

■ 236.7120, 0.1420,
1.1296

■ 172.1010,
-34.0668, -86.9116

■ 243.8470, 5.4984,
9.7812

■ 162.7590,
-38.8282, -99.7666

■ 153.4170,
-43.5896, -112.6217

■ 144.3740,
-48.4984, -124.8620

■ 143.5480,
-49.0772, -125.8916

Harmonies

Analogous

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



214.1820, -29.6697, -3.6676



208.9850, -14.2896, -36.8208



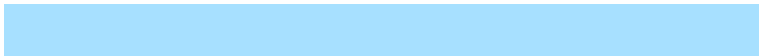
202.8790, 6.4687, -68.2999

Triad

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



208.9850, -14.2896, -36.8208



210.4910, 21.9429, -38.1416



212.1420, -11.9020, 37.5865

Complementary

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



208.9850, -14.2896, -36.8208



194.0150, 14.2896, 36.8208

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.



215.0720, 4.4015, 35.0169



208.9850, -14.2896, -36.8208



219.0060, 17.7450, 1.7487

Square

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



208.9850, -14.2896, -36.8208



201.1120, 26.5668, -74.6432



222.1280, 16.2059, 28.8287



214.1190, -27.1737, 35.8526

Rectangle

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



208.9850, -14.2896, -36.8208



199.1510, 20.6316, -84.3244



222.1280, 16.2059, 28.8287



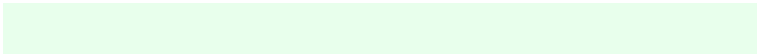
212.2220, -6.5184, 37.5163

Sweetspot

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



208.9850, -14.2896, -36.8208



245.9570, -4.9088, -12.2403



224.2470, -28.2228, -1.0936



122.1470, -3.0305, -8.0219



0.0000, 0.0000, 0.0000



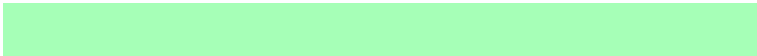
128.0000, 0.0000, 0.0000

Same Dimension

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



208.9850, -14.2896, -36.8208



220.1810, -18.3302, -47.5167



212.8610, 0.5615, -40.2201



112.6850, -2.3097, -5.8627



110.1230, -37.5286, -96.5779



32.8380, -11.2591, -28.7989

Inverse Universe

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



194.0150, 14.2896, 36.8208



200.8190, 18.3302, 47.5167



190.1390, -0.5615, 40.2201



110.3150, 2.3097, 5.8627



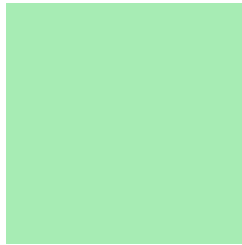
70.8770, 37.5286, 96.5779



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 208.9850, -14.2896, -36.8208 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 208.9850, -14.2896, -36.8208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

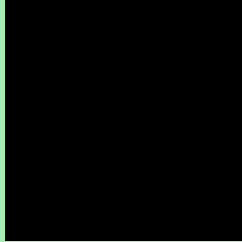
Any Text WCAG AA ✓ Pass

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 208.9850, -14.2896, -36.8208 Background



This preview shows how black text looks on a background with the YUV color 208.9850, -14.2896, -36.8208.



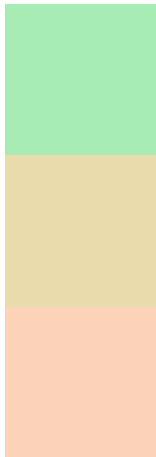
This preview shows how white text looks on a background with the YUV color 208.9850, -14.2896, -36.8208.

-36.8208.

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

208.9850, -14.2896, -36.8208

Protanopia

217.8280, -22.5932, 13.3058

Deuteranopia

220.2950, -17.4004, 27.8053



Tritanopia

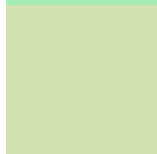
214.7000, 14.9379, -31.3089

Trichromacy



Original Color

208.9850, -14.2896, -36.8208



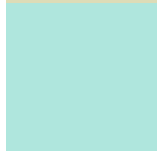
Protanomaly

214.5160, -19.4814, -4.8375



Deuteranomaly

216.0810, -16.3089, 4.3140



Tritanomaly

212.5290, 4.1762, -32.9129

Monochromacy



Original Color

208.9850, -14.2896, -36.8208



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.1310, -5.4876, -13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.9850, -14.2896, -36.8208 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, 236, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 236, 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(167, 236, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 236, 180) }
```

Border

The CSS property to change the border of an element to YUV 208.9850, -14.2896, -36.8208 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, 236, 180) }
```


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

```
.border{ border-color:rgb(167, 236, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 236, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 236, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 236, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 236,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 208.9850, -14.2896, -36.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 236, 180) }
```

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

```
.background{ background-color: rgb(167,  
236, 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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