

Converting Colors

YUV(209.5840, 0.6981,
-37.3462)

Have a look what the booklet for
YUV(209.5840, 0.6981, -37.3462)
contains.

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Color

**YUV(209.5840, 0.6981,
-37.3462)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E7D3
RGB	167, 231, 211
RGB Percent	65%, 91%, 83%
CMY	0.3451, 0.0941, 0.1725
CMYK	0.28, 0.00, 0.09, 0.09
HSL	161°, 57%, 78%
HSV	161°, 28%, 91%
XYZ	56.2701, 70.0705, 72.1872
YIQ	209.5840, -31.7240, -19.7880

Conversions

Conversions Part 2

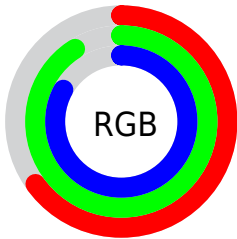
Format	Color
RYB	167, 205, 231
Decimal	11003859
CIELab	87.03, -24.26, 3.25
CIELCh	87, 24.478, 172.377
Yxy	70.0705, 0.2834, 0.3530
Android (android.graphics.Color)	4289193939 (0xFFA7E7D3)
YUV	209.5840, 0.6981, -37.3462
Hunter-Lab	83.7081, -26.4982, 7.4659

Details

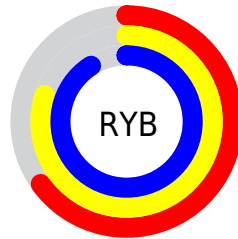
The YUV color $209.5840, 0.6981, -37.3462$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $188.4160, -0.6981, 37.3462$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $154.4100, 1.2769, -36.3166$ is the 20% darker color. If you saturate the color by 10%, you get $201.9090, 1.0309, -50.7862$, and if you desaturate by 10%, it is $217.2590, 0.3653, -23.9061$.

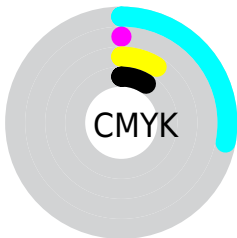
Distribution



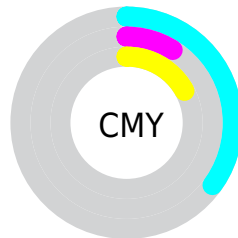
- Red (65%)
- Green (91%)
- Blue (83%)



- Red (65%)
- Yellow (80%)
- Blue (91%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (35%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5840, 0.6981, -37.3462 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 209.5840, 0.6981, -37.3462 by changing the saturation by 10% instead.


 209.5840, 0.6981,
-37.3462


 209.5840, 0.6981,
-37.3462

255.0000, 0.0000,
0.0000

 181.8830, 0.5507,
-36.7314


 245.4320, 4.7170,
-19.6729


 154.4100, 1.2769,
-36.3166

 254.1030, 0.4422,
-1.8443

 127.7090, 1.1295,
-35.7018

 101.8230, 1.5663,
-35.8018

 76.6380, 2.1505,
-36.5165

 50.0610, 3.9139,
-42.1495

 33.5680, 1.6920,

-29.4391

■ 20.0210, -1.9824,
-17.5584

■ 0.0000, 0.0000,
0.0000

■ 209.5840, 0.6981,
-37.3462

■ 209.5840, 0.6981,
-37.3462

■ 201.9090, 1.0309,
-50.7862

■ 217.2590, 0.3653,
-23.9061

■ 194.2340, 1.3636,
-64.2262

■ 224.9340, 0.0325,
-10.4661

■ 186.4450, 1.2596,
-77.5663

■ 232.7230, 0.1366,
2.8739

■ 178.7700, 1.5924,
-91.0063

■ 239.2020, 0.3934,
13.8548

■ 171.0950, 1.9252,
-104.4463

■ 240.0000, 3.4510,
13.1550

■ 163.1210, 2.4053,
-118.5011

■ 240.7980, 6.5086,
12.4552

■ 155.3320, 2.3013,
-131.8412

■ 240.9120, 6.9454,
12.3552

■ 153.7230, 2.6016,
-134.8151

Harmonies

Analogous

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



212.4910, -11.5811, -18.8476



209.5840, 0.6981, -37.3462



208.4330, 13.0975, -47.7377

Triad

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



209.5840, 0.6981, -37.3462



218.6740, 17.9087, -4.0991



218.5020, -17.9955, 32.0087

Complementary

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



209.5840, 0.6981, -37.3462



188.4160, -0.6981, 37.3462

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.



217.7330, -8.2494, 32.6832



209.5840, 0.6981, -37.3462



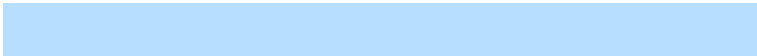
222.0250, 12.3127, 17.5181

Square

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



209.5840, 0.6981, -37.3462



214.1010, 20.1632, -27.2756



220.4690, 2.2338, 30.2837



217.5840, -22.4729, 21.4128

Rectangle

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



209.5840, 0.6981, -37.3462



209.3390, 19.0599, -46.7783



220.4690, 2.2338, 30.2837



218.0120, -14.7959, 32.4385

Sweetspot

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



209.5840, 0.6981, -37.3462



248.3360, 0.3274, -11.6957



210.5480, -21.4692, -20.6516



123.6570, 0.1691, -7.5922



0.0000, 0.0000, 0.0000



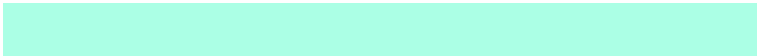
128.0000, 0.0000, 0.0000

Same Dimension

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



209.5840, 0.6981, -37.3462



226.9200, 1.0254, -49.0418



204.8200, 12.9067, -33.1681



110.9560, 0.0217, -6.9774



119.0950, 1.9252, -104.4463



33.9270, 0.5290, -29.7540

Inverse Universe

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



188.4160, -0.6981, 37.3462



199.0800, -1.0254, 49.0418



193.1800, -12.9067, 33.1681



107.0440, -0.0217, 6.9774



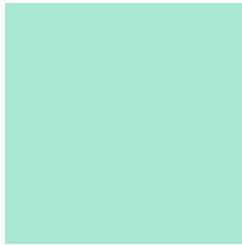
59.9050, -1.9252, 104.4463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 209.5840, 0.6981, -37.3462 looks on a white background.

Color Contrast Check

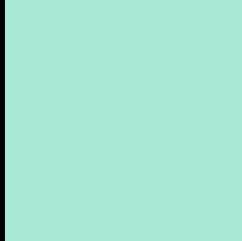
Large Text (above 18pt) WCAG AA × Fail

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 209.5840, 0.6981, -37.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

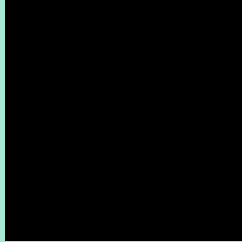
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

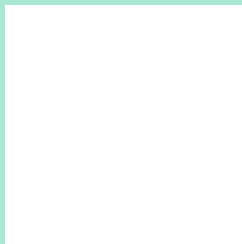
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.5840, 0.6981, -37.3462

Background



This preview shows how black text looks on a background with the YUV color 209.5840, 0.6981, -37.3462.



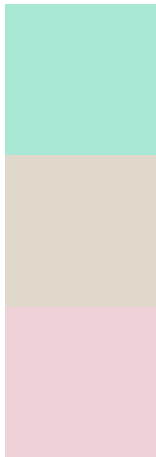
This preview shows how white text looks on a background with the YUV color 209.5840, 0.6981, -37.3462.

-37.3462.

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

209.5840, 0.6981, -37.3462

Protanopia

216.9100, -6.8576, 6.2179

Deuteranopia

219.2410, -2.0908, 17.3286



Tritanopia

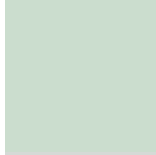
212.5040, 15.5275, -33.7680

Trichromacy



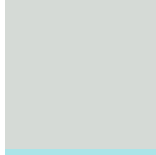
Original Color

209.5840, 0.6981, -37.3462



Protanomaly

213.9080, -3.8986, -9.5663



Deuteranomaly

216.0490, -1.0102, -2.6740



Tritanomaly

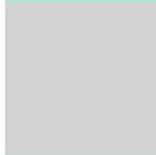
211.4130, 10.1494, -35.4422

Monochromacy



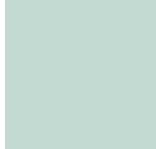
Original Color

209.5840, 0.6981, -37.3462



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5840, 0.6981, -37.3462 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, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(167, 231, 211)  
}
```

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, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 231, 211) }
```

Border

The CSS property to change the border of an element to YUV 209.5840, 0.6981, -37.3462 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, 231, 211) }
```


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

```
.border{ border-color:rgb(167, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(167, 231,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 209.5840, 0.6981, -37.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 231, 211) }
```

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

```
.background{ background-color: rgb(167,  
231, 211) }
```

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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