

Converting Colors

YUV(211.0460, -0.0227,
-39.5053)

Have a look what the booklet for
YUV(211.0460, -0.0227, -39.5053)
contains.

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Color

**YUV(211.0460, -0.0227,
-39.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EAD3
RGB	166, 234, 211
RGB Percent	65%, 92%, 83%
CMY	0.3490, 0.0824, 0.1725
CMYK	0.29, 0.00, 0.10, 0.08
HSL	160°, 62%, 78%
HSV	160°, 29%, 92%
XYZ	56.9066, 71.6558, 72.4597
YIQ	211.0460, -33.1450, -21.5690

Conversions

Conversions Part 2

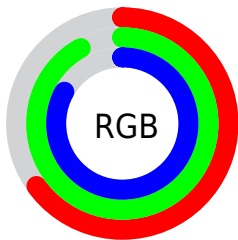
Format	Color
RYB	166, 207, 234
Decimal	10939091
CIELab	87.80, -26.01, 4.36
CIELCh	88, 26.371, 170.489
Yxy	71.6558, 0.2831, 0.3565
Android (android.graphics.Color)	4289129171 (0xFFA6EAD3)
YUV	211.0460, -0.0227, -39.5053
Hunter-Lab	84.6497, -28.1387, 8.5029

Details

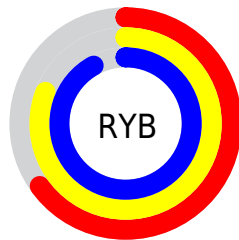
The YUV color $211.0460, -0.0227, -39.5053$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $188.9540, 0.0227, 39.5053$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1330, 4.8644, -20.2876$, and $155.8720, 0.5561, -38.4757$ is the 20% darker color. If you saturate the color by 10%, you get $203.2570, -0.1267, -52.8454$, and if you desaturate by 10%, it is $218.8350, 0.0813, -26.1653$.

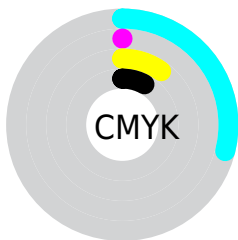
Distribution



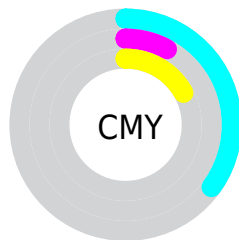
- Red (65%)
- Green (92%)
- Blue (83%)



- Red (65%)
- Yellow (81%)
- Blue (92%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)




- Cyan (35%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.0460, -0.0227, -39.5053 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 211.0460, -0.0227, -39.5053 by changing the saturation by 10% instead.

 211.0460, -0.0227,
-39.5053


 211.0460, -0.0227,
-39.5053


255.0000, 0.0000,
0.0000


 183.3450, -0.1701,
-38.8906


 245.1330, 4.8644,
-20.2876

 155.8720, 0.5561,
-38.4757

 254.1030, 0.4422,
-1.8443

 129.1710, 0.4087,
-37.8610

 103.2850, 0.8455,
-37.9609

 77.5020, 1.7245,
-39.9053

 50.6370, 3.6300,
-44.4086

 34.7420, 1.1132,

-30.4687

■ 20.6080, -2.2717,
-18.0732

■ 0.0000, 0.0000,
0.0000

■ 211.0460, -0.0227,
-39.5053

■ 211.0460, -0.0227,
-39.5053

■ 203.2570, -0.1267,
-52.8454

■ 218.8350, 0.0813,
-26.1653

■ 195.1690, -0.0833,
-66.8002

■ 226.9230, 0.0380,
-12.2105

■ 187.3800, -0.1873,
-80.1403

■ 234.7120, 0.1420,
1.1296

■ 179.2920, -0.1440,
-94.0951

■ 241.3050, 0.8356,
12.0105

■ 171.5030, -0.2480,
-107.4351

■ 242.2170, 4.3300,
11.2107

■ 163.8280, 0.0848,
-120.8752

■ 242.6730, 6.0772,
10.8108

■ 155.7400, 0.1282,
-134.8300

■ 155.0280, -0.0138,
-135.9596

Harmonies

Analogous

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



213.8500, -12.7441, -19.1625



211.0460, -0.0227, -39.5053



209.5250, 13.5452, -51.3264

Triad

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



211.0460, -0.0227, -39.5053



219.8480, 17.3299, -5.1287



219.0890, -18.2849, 31.4939

Complementary

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



211.0460, -0.0227, -39.5053



188.9540, 0.0227, 39.5053

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.



218.6620, -7.2284, 31.8684



211.0460, -0.0227, -39.5053



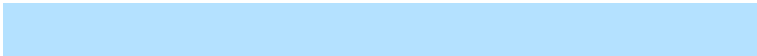
224.0790, 13.7651, 18.3477

Square

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



211.0460, -0.0227, -39.5053



214.9650, 19.7373, -30.6643



221.5120, 3.6916, 29.3690



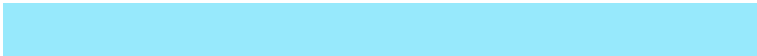
220.1390, -24.2255, 23.5571

Rectangle

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



211.0460, -0.0227, -39.5053



210.6480, 20.3865, -52.3113



221.5120, 3.6916, 29.3690



218.7130, -14.6485, 31.8237

Sweetspot

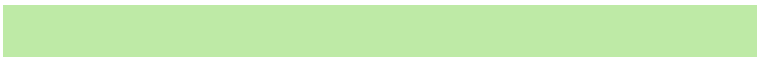
The Sweet Spot groups the original color and five complimentary colors.



211.0460, -0.0227, -39.5053



247.2110, -0.1040, -13.3400



213.0920, -23.2164, -20.2517



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000



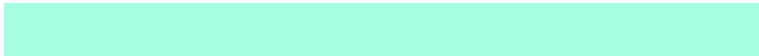
128.0000, 0.0000, 0.0000

Same Dimension

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



211.0460, -0.0227, -39.5053



224.9690, 0.0153, -51.7158



207.7980, 12.9176, -36.6568



113.2550, -0.1257, -6.3626



119.9270, 0.0360, -105.1760



35.6880, -0.3392, -31.2984

Inverse Universe

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



188.9540, 0.0227, 39.5053



196.0310, -0.0153, 51.7158



192.2020, -12.9176, 36.6568



109.7450, 0.1257, 6.3626



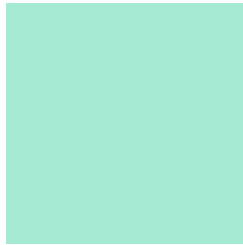
61.0730, -0.0360, 105.1760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 211.0460, -0.0227, -39.5053 looks on a white background.

Color Contrast Check

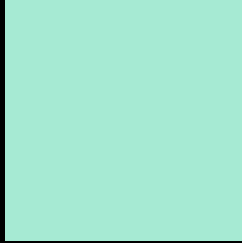
Large Text (above 18pt) WCAG AA × Fail

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 211.0460, -0.0227, -39.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

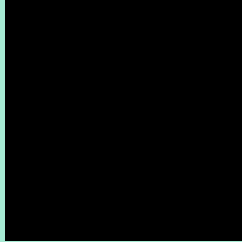
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

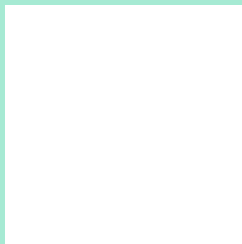
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 211.0460, -0.0227, -39.5053

Background



This preview shows how black text looks on a background with the YUV color 211.0460, -0.0227, -39.5053.



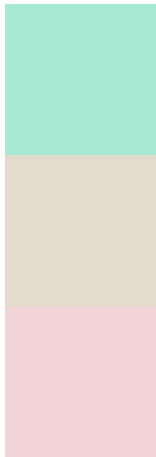
This preview shows how white text looks on a background with the YUV color 211.0460, -0.0227, -39.5053.

-39.5053.

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

211.0460, -0.0227, -39.5053

Protanopia

219.5680, -8.1680, 6.5179

Deuteranopia

221.4260, -2.6750, 18.0434



Tritanopia

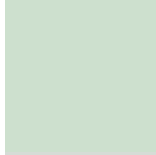
214.6070, 15.9697, -35.6123

Trichromacy



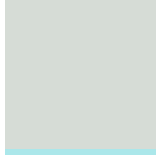
Original Color

211.0460, -0.0227, -39.5053



Protanomaly

216.2670, -5.0616, -9.8812



Deuteranomaly

217.5220, -1.7363, -3.0888



Tritanomaly

213.4020, 10.1548, -37.1866

Monochromacy



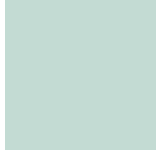
Original Color

211.0460, -0.0227, -39.5053



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.0460, -0.0227, -39.5053 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(166, 234, 211)` looks like.

```
.text, #text, p{  
    color:rgb(166, 234, 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(166, 234, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 234, 211) }
```

Border

The CSS property to change the border of an element to YUV 211.0460, -0.0227, -39.5053 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(166, 234, 211) }
```


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

```
.border{ border-color:rgb(166, 234, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 234, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(166, 234,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 211.0460, -0.0227, -39.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 234, 211) }
```

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

```
.background{ background-color: rgb(166,  
234, 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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