

Converting Colors

YUV(211.3660, 21.5116,
-39.7860)

Have a look what the booklet for
YUV(211.3660, 21.5116, -39.7860)
contains.

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Color

**YUV(211.3660, 21.5116,
-39.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E2FF
RGB	166, 226, 255
RGB Percent	65%, 89%, 100%
CMY	0.3490, 0.1137, 0.0000
CMYK	0.35, 0.11, 0.00, 0.00
HSL	200°, 100%, 83%
HSV	200°, 35%, 100%
XYZ	60.9722, 69.7197, 104.8514
YIQ	211.3660, -45.0690, -3.7010

Conversions

Conversions Part 2

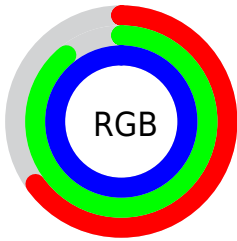
Format	Color
R_{YB}	166, 202, 255
Decimal	10937087
CIE _{Lab}	86.86, -12.14, -20.16
CIE _{LCh}	87, 23.529, 238.948
Yxy	69.7197, 0.2589, 0.2960
Android (android.graphics.Color)	4289127167 (0xFFA6E2FF)
YUV	211.3660, 21.5116, -39.7860
Hunter-Lab	83.4983, -15.7776, -16.0034

Details

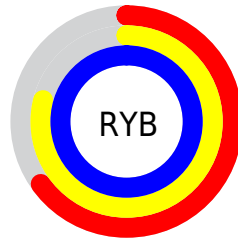
The YUV color **211.3660, 21.5116, -39.7860** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **209.6340, -21.5116, 39.7860**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4320, 4.7170, -19.6729**, and **156.1380, 20.6380, -39.5860** is the 20% darker color. If you saturate the color by 10%, you get **199.1950, 27.5119, -51.0370**, and if you desaturate by 10%, it is **223.8360, 15.3639, -27.9202**.

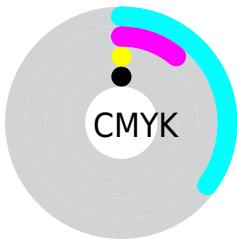
Distribution



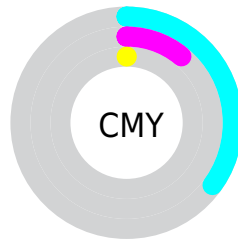
- Red (65%)
- Green (89%)
- Blue (100%)



- Red (65%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.3660, 21.5116, -39.7860 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 211.3660, 21.5116, -39.7860 by changing the saturation by 10% instead.

■ 211.3660, 21.5116,
-39.7860

■ 211.3660, 21.5116,
-39.7860

■ 255.0000, 0.0000,
0.0000

■ 183.2520, 21.0748,
-39.6860

■ 245.4320, 4.7170,
-19.6729

■ 156.1380, 20.6380,
-39.5860

■ 254.4020, 0.2948,
-1.2296

■ 128.8390, 20.7854,
-40.2008

■ 102.1270, 20.6434,
-41.3304

■ 75.6210, 21.3858,
-46.1486

■ 51.8060, 20.8016,
-45.4339

■ 36.1560, 16.6851,

-31.7088

■ 21.9080, 12.8634,
-19.2133

■ 3.6650, 11.5042,
-3.2142

■ 211.3660, 21.5116,
-39.7860

■ 211.3660, 21.5116,
-39.7860

■ 199.1950, 27.5119,
-51.0370

■ 223.8360, 15.3639,
-27.9202

■ 186.1380, 33.9490,
-62.3880

■ 236.5940, 9.0742,
-17.1839

■ 173.9670, 39.9493,
-73.6391

■ 249.0640, 2.9264,
-5.3181

■ 161.4970, 46.0970,
-85.5049

■ 255.0000, 0.0000,
0.0000

■ 148.4400, 52.5341,
-96.8559

■ 136.2690, 58.5344,
-108.1069

■ 130.0340, 61.6082,
-114.0398

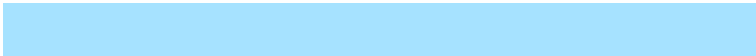
Harmonies

Analogous

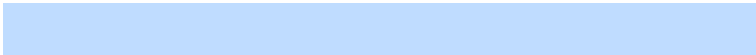
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.7860, 14.4025, -46.2933



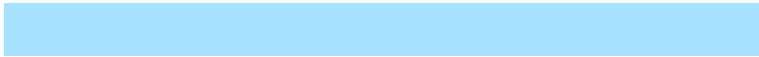
211.3660, 21.5116, -39.7860



215.3190, 19.5627, -21.3278

Triad

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



211.3660, 21.5116, -39.7860



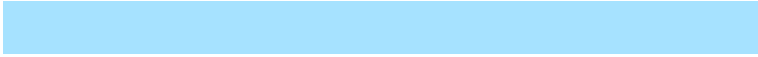
219.7850, -0.3870, 30.8836



214.2820, -17.8870, -2.8783

Complementary

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



211.3660, 21.5116, -39.7860



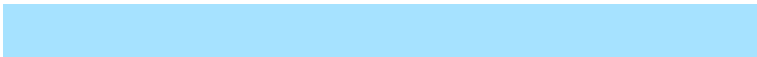
209.6340, -21.5116, 39.7860

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.



217.0780, -21.7305, 16.5946



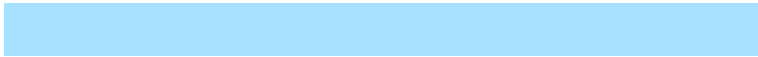
211.3660, 21.5116, -39.7860



217.8640, -10.2860, 32.5683

Square

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



211.3660, 21.5116, -39.7860



221.3630, 9.6810, 21.6066



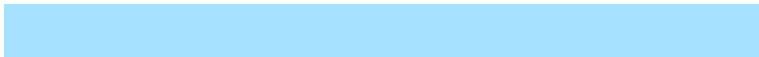
218.5620, -19.0111, 31.0791



211.5660, -8.6600, -22.4214

Rectangle

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



211.3660, 21.5116, -39.7860



218.3640, 18.0615, -6.4582



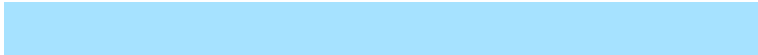
218.5620, -19.0111, 31.0791



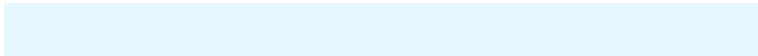
215.4570, -19.9453, 3.9842

Sweetspot

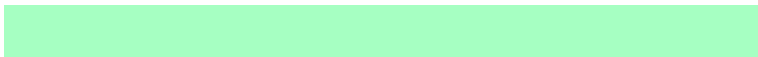
The Sweet Spot groups the original color and five complimentary colors.



211.3660, 21.5116, -39.7860



242.8290, 6.0003, -11.2510



221.4350, -13.5255, -48.6165



120.2810, 3.8055, -7.2624



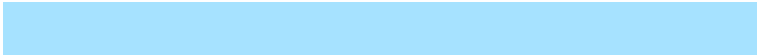
0.0000, 0.0000, 0.0000



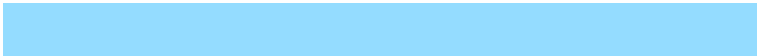
128.0000, 0.0000, 0.0000

Same Dimension

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



211.3660, 21.5116, -39.7860



202.4620, 25.9012, -47.7632



185.5380, 34.2448, -17.1348



121.1780, 3.3632, -5.4181



97.4970, 46.0970, -85.5049



32.5370, 15.5113, -28.5349

Inverse Universe

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



199.4510, 13.0887, 48.7165



188.2010, 15.6769, 58.5827



235.4620, -34.2448, 17.1348



119.7990, 1.5781, 7.1923



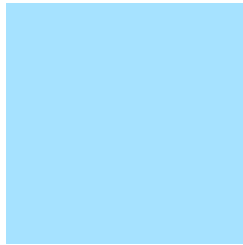
71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 211.3660, 21.5116, -39.7860 looks on a white background.

Color Contrast Check

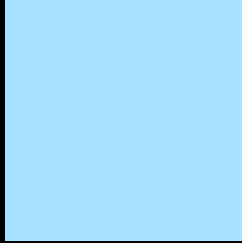
Large Text (above 18pt) WCAG AA × Fail

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 211.3660, 21.5116, -39.7860 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

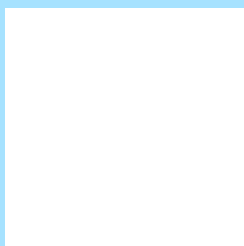
Any Text WCAG AAA ✓ Pass

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

YUV 211.3660, 21.5116, -39.7860 Background



This preview shows how black text looks on a background with the YUV color 211.3660, 21.5116, -39.7860.



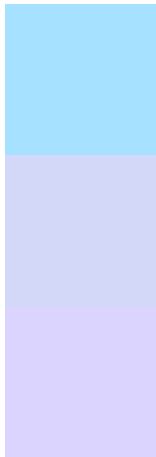
This preview shows how white text looks on a background with the YUV color 211.3660, 21.5116, -39.7860.

-39.7860.

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

211.3660, 21.5116, -39.7860

Protanopia

217.5660, 15.0040, -5.7584

Deuteranopia

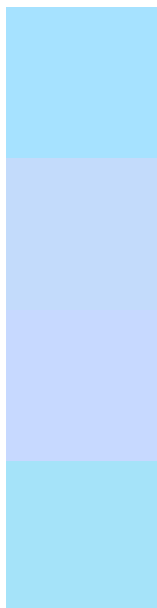
218.6960, 17.8979, -0.6104



Tritanopia

210.9160, 17.2964, -41.1453

Trichromacy



Original Color

211.3660, 21.5116, -39.7860

Protanomaly

215.4720, 17.5153, -17.9539

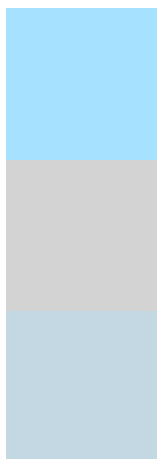
Deuteranomaly

215.9500, 19.2517, -14.8651

Tritanomaly

210.9700, 18.7488, -40.3157

Monochromacy



Original Color

211.3660, 21.5116, -39.7860

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.3660, 21.5116, -39.7860 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 226, 255)  
}
```

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, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 226, 255) }
```

Border

The CSS property to change the border of an element to YUV 211.3660, 21.5116, -39.7860 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, 226, 255) }
```


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

```
.border{ border-color:rgb(166, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 211.3660, 21.5116, -39.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 226, 255) }
```

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

```
.background{ background-color: rgb(166,  
226, 255) }
```

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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