

Converting Colors

YUV(210.7680, 21.8064,
-41.0155)

Have a look what the booklet for
YUV(210.7680, 21.8064, -41.0155)
contains.

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Color

**YUV(210.7680, 21.8064,
-41.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E2FF
RGB	164, 226, 255
RGB Percent	64%, 89%, 100%
CMY	0.3569, 0.1137, 0.0000
CMYK	0.36, 0.11, 0.00, 0.00
HSL	199°, 100%, 82%
HSV	199°, 36%, 100%
XYZ	60.5562, 69.5052, 104.8319
YIQ	210.7680, -46.2610, -4.1250

Conversions

Conversions Part 2

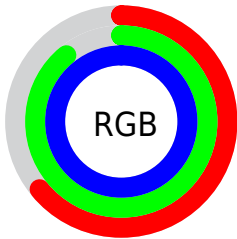
Format	Color
RYB	164, 201, 255
Decimal	10806015
CIELab	86.75, -12.66, -20.33
CIELCh	87, 23.949, 238.076
Yxy	69.5052, 0.2578, 0.2959
Android (android.graphics.Color)	4288996095 (0xFFA4E2FF)
YUV	210.7680, 21.8064, -41.0155
Hunter-Lab	83.3698, -16.2425, -16.1944

Details

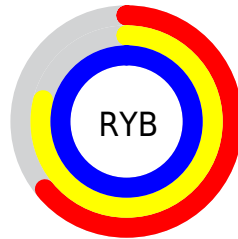
The YUV color **210.7680, 21.8064, -41.0155** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.2320, -21.8064, 41.0155**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, 5.0118, -20.9024**, and **155.2410, 21.0802, -41.4304** is the 20% darker color. If you saturate the color by 10%, you get **198.5970, 27.8067, -52.2666**, and if you desaturate by 10%, it is **223.2380, 15.6587, -29.1497**.

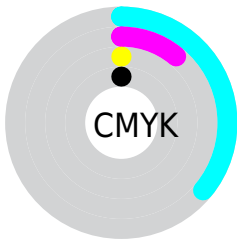
Distribution



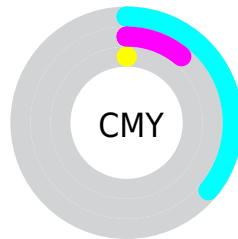
- Red (64%)
- Green (89%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7680, 21.8064, -41.0155 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 210.7680, 21.8064, -41.0155 by changing the saturation by 10% instead.

210.7680, 21.8064,
-41.0155

210.7680, 21.8064,
-41.0155

255.0000, 0.0000,
0.0000

182.6540, 21.3696,
-40.9156

244.8340, 5.0118,
-20.9024

155.2410, 21.0802,
-41.4304

253.8040, 0.5896,
-2.4591

128.2410, 21.0802,
-41.4304

101.2300, 21.0856,
-43.1747

74.1260, 22.1229,
-49.2225

51.8060, 20.8016,
-45.4339

36.1560, 16.6851,

-31.7088

■ 21.9080, 12.8634,
-19.2133

■ 3.6650, 11.5042,
-3.2142

■ 210.7680, 21.8064,
-41.0155

■ 210.7680, 21.8064,
-41.0155

■ 198.5970, 27.8067,
-52.2666

■ 223.2380, 15.6587,
-29.1497

■ 186.1270, 33.9544,
-64.1324

■ 235.4090, 9.6584,
-17.8987

■ 173.9560, 39.9547,
-75.3834

■ 247.8790, 3.5107,
-6.0329

■ 160.8990, 46.3918,
-86.7344

■ 255.0000, 0.0000,
0.0000

■ 148.4290, 52.5395,
-98.6002

■ 136.2580, 58.5398,
-109.8513

■ 131.2080, 61.0295,
-115.0694

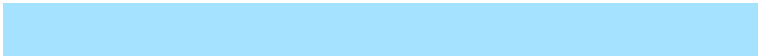
Harmonies

Analogous

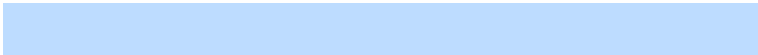
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.4870, 14.5499, -46.9081



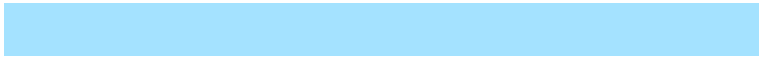
210.7680, 21.8064, -41.0155



214.7210, 19.8575, -22.5573

Triad

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



210.7680, 21.8064, -41.0155



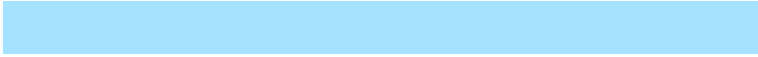
219.3120, 0.3392, 31.2984



213.8800, -18.1818, -1.6488

Complementary

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



210.7680, 21.8064, -41.0155



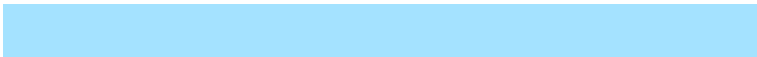
208.2320, -21.8064, 41.0155

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.



216.3770, -21.8779, 17.2094



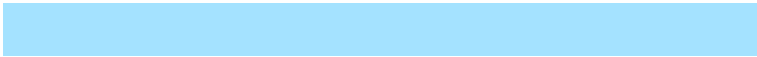
210.7680, 21.8064, -41.0155



217.2770, -9.9966, 33.0831

Square

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



210.7680, 21.8064, -41.0155



221.1780, 10.2652, 20.8919



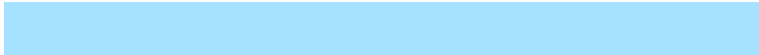
218.7470, -19.5953, 31.7939



211.4520, -9.0968, -22.3214

Rectangle

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



210.7680, 21.8064, -41.0155



217.7660, 18.3564, -7.6878



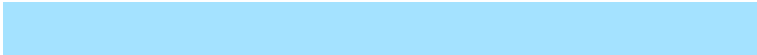
218.7470, -19.5953, 31.7939



214.7560, -20.0927, 4.5990

Sweetspot

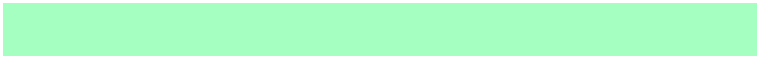
The Sweet Spot groups the original color and five complimentary colors.



210.7680, 21.8064, -41.0155



241.3450, 6.7319, -12.5806



220.7230, -13.6674, -49.7461



119.3950, 4.2423, -7.3624



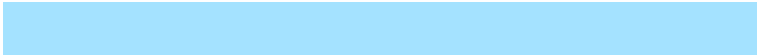
0.0000, 0.0000, 0.0000



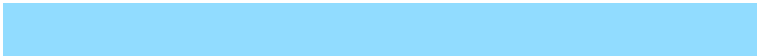
128.0000, 0.0000, 0.0000

Same Dimension

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



210.7680, 21.8064, -41.0155



201.5650, 26.3435, -49.6075



184.3530, 34.8290, -17.8496



121.1780, 3.3632, -5.4181



98.0840, 45.8076, -86.0197



32.5370, 15.5113, -28.5349

Inverse Universe

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



198.2770, 13.6674, 49.7461



186.4400, 16.5451, 60.1271



234.6470, -34.8290, 17.8496



119.7990, 1.5781, 7.1923



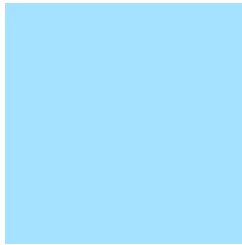
71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 210.7680, 21.8064, -41.0155 looks on a white background.

Color Contrast Check

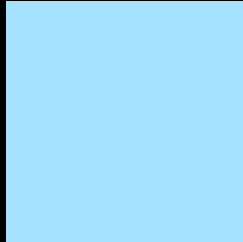
Large Text (above 18pt) WCAG AA × Fail

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 210.7680, 21.8064, -41.0155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

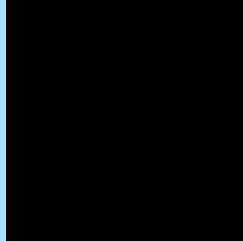
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.7680, 21.8064, -41.0155

Background



This preview shows how black text looks on a background with the YUV color 210.7680, 21.8064, -41.0155.



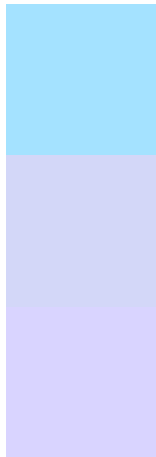
This preview shows how white text looks on a background with the YUV color 210.7680, 21.8064,

-41.0155.

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

210.7680, 21.8064, -41.0155

Protanopia

217.5660, 15.0040, -5.7584

Deuteranopia

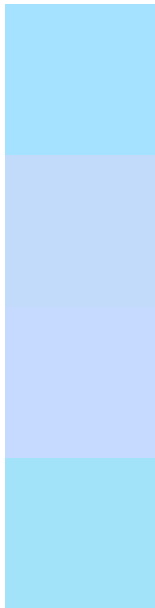
218.3970, 18.0453, -1.2252



Tritanopia

210.3180, 17.5912, -42.3749

Trichromacy



Original Color

210.7680, 21.8064, -41.0155

Protanomaly

215.1730, 17.6627, -18.5687

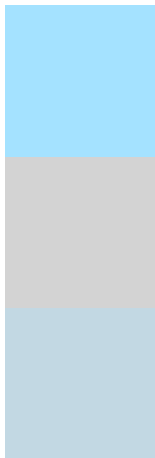
Deuteranomaly

215.6510, 19.3991, -15.4799

Tritanomaly

210.3720, 19.0436, -41.5452

Monochromacy



Original Color

210.7680, 21.8064, -41.0155

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.6760, 8.0477, -14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7680, 21.8064, -41.0155 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(164, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 255) }
```

Border

The CSS property to change the border of an element to YUV 210.7680, 21.8064, -41.0155 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(164, 226, 255) }
```


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

```
.border{ border-color:rgb(164, 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(164, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 210.7680, 21.8064, -41.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 255) }
```

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

```
.background{ background-color: rgb(164,  
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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