

Converting Colors

YUV(213.4370, 20.4906,
-38.9712)

Have a look what the booklet for
YUV(213.4370, 20.4906, -38.9712)
contains.

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Color

**YUV(213.4370, 20.4906,
-38.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E4FF
RGB	169, 228, 255
RGB Percent	66%, 89%, 100%
CMY	0.3373, 0.1059, 0.0000
CMYK	0.34, 0.11, 0.00, 0.00
HSL	199°, 100%, 83%
HSV	199°, 34%, 100%
XYZ	62.1556, 71.1418, 105.0635
YIQ	213.4370, -43.8310, -4.1110

Conversions

Conversions Part 2

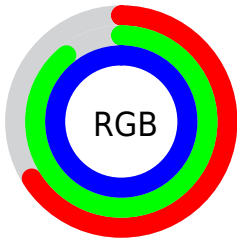
Format	Color
R _Y B	169, 204, 255
Decimal	11134207
CIE Lab	87.55, -12.36, -19.09
CIE LCh	88, 22.743, 237.085
Yxy	71.1418, 0.2608, 0.2985
Android (android.graphics.Color)	4289324287 (0xFFA9E4FF)
YUV	213.4370, 20.4906, -38.9712
Hunter-Lab	84.3456, -16.0654, -14.8116

Details

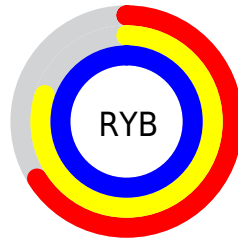
The YUV color $213.4370, 20.4906, -38.9712$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $210.5630, -20.4906, 38.9712$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $158.2090, 19.6170, -38.7713$ is the 20% darker color. If you saturate the color by 10%, you get $201.2660, 26.4909, -50.2223$, and if you desaturate by 10%, it is $225.9070, 14.3428, -27.1054$.

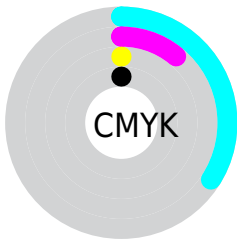
Distribution



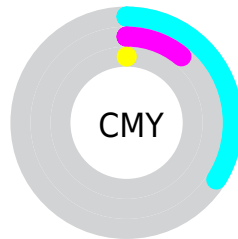
- Red (66%)
- Green (89%)
- Blue (100%)



- Red (66%)
- Yellow (80%)
- Blue (100%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4370, 20.4906, -38.9712 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 213.4370, 20.4906, -38.9712 by changing the saturation by 10% instead.

■ 213.4370, 20.4906,
-38.9712

■ 213.4370, 20.4906,
-38.9712

255.0000, 0.0000,
0.0000

■ 185.3230, 20.0538,
-38.8713

■ 246.3290, 4.2748,
-17.8285

■ 158.2090, 19.6170,
-38.7713

■ 131.2090, 19.6170,
-38.7713

■ 104.4970, 19.4750,
-39.9009

■ 77.7030, 20.3594,
-43.5895

■ 52.9800, 20.2229,
-46.4635

■ 36.7430, 16.3957,

-32.2236

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 213.4370, 20.4906,
-38.9712

■ 213.4370, 20.4906,
-38.9712

■ 201.2660, 26.4909,
-50.2223

■ 225.9070, 14.3428,
-27.1054

■ 188.7960, 32.6386,
-62.0881

■ 238.0780, 8.3425,
-15.8544

■ 176.6250, 38.6389,
-73.3391

■ 250.5480, 2.1948,
-3.9886

■ 164.1550, 44.7866,
-85.2049

■ 255.0000, 0.0000,
0.0000

■ 151.9840, 50.7869,
-96.4560

■ 139.5140, 56.9346,
-108.3218

■ 131.7950, 60.7401,
-115.5842

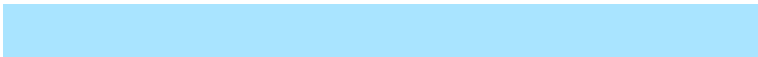
Harmonies

Analogous

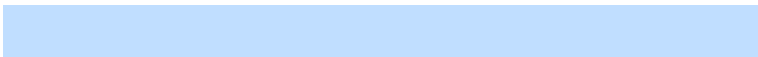
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.8680, 13.3761, -43.7342



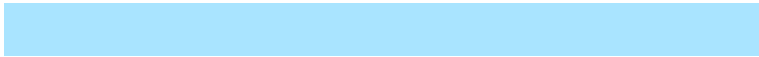
213.4370, 20.4906, -38.9712



216.7920, 18.8365, -21.7426

Triad

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



213.4370, 20.4906, -38.9712



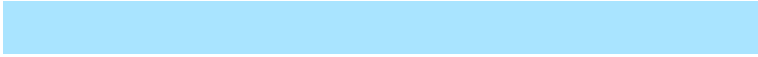
221.3010, 0.3446, 29.5540



216.4070, -17.4557, -1.2339

Complementary

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



213.4370, 20.4906, -38.9712



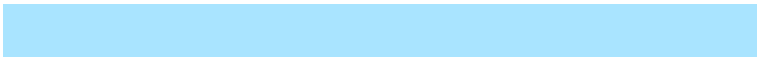
210.5630, -20.4906, 38.9712

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.



218.7190, -20.5675, 16.9094



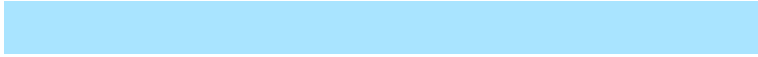
213.4370, 20.4906, -38.9712



219.4940, -9.1175, 31.1388

Square

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



213.4370, 20.4906, -38.9712



223.3520, 9.6865, 19.8623



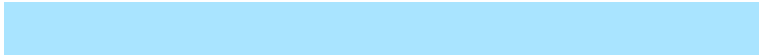
220.4910, -17.9901, 30.2644



213.4630, -9.1023, -20.5771

Rectangle

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



213.4370, 20.4906, -38.9712



219.5380, 17.4828, -7.4878



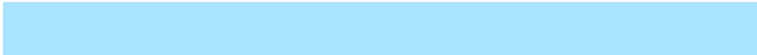
220.4910, -17.9901, 30.2644



217.2830, -19.3665, 5.0138

Sweetspot

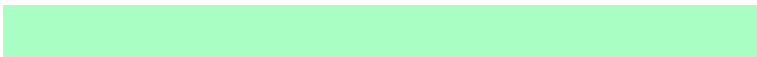
The Sweet Spot groups the original color and five complimentary colors.



213.4370, 20.4906, -38.9712



242.8290, 6.0003, -11.2510



222.4460, -13.5309, -46.8721



120.2810, 3.8055, -7.2624



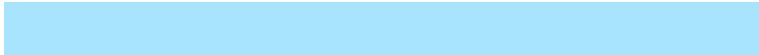
0.0000, 0.0000, 0.0000



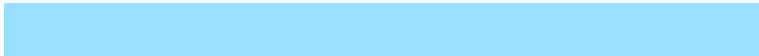
128.0000, 0.0000, 0.0000

Same Dimension

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



213.4370, 20.4906, -38.9712



205.7180, 24.2960, -46.2337



188.7830, 32.6450, -17.3497



121.1780, 3.3632, -5.4181



98.6710, 45.5182, -86.5345



33.1240, 15.2219, -29.0497

Inverse Universe

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



201.4400, 13.0941, 46.9721



191.4780, 15.5403, 55.7088



235.2170, -32.6450, 17.3497



119.7990, 1.5781, 7.1923



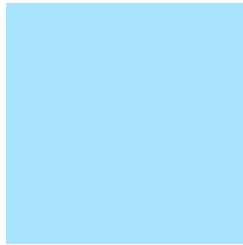
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 213.4370, 20.4906, -38.9712 looks on a white background.

Color Contrast Check

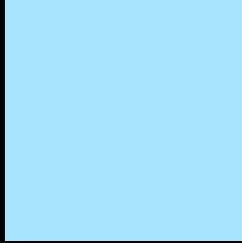
Large Text (above 18pt) WCAG AA × Fail

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 213.4370, 20.4906, -38.9712 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 213.4370, 20.4906, -38.9712

Background



This preview shows how black text looks on a background with the YUV color 213.4370, 20.4906, -38.9712.



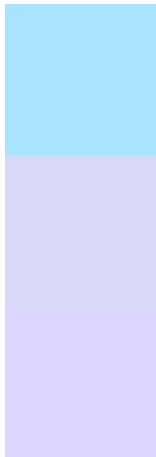
This preview shows how white text looks on a background with the YUV color 213.4370, 20.4906, -38.9712.

-38.9712.

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

213.4370, 20.4906, -38.9712

Protanopia

219.6370, 13.9830, -4.9436

Deuteranopia

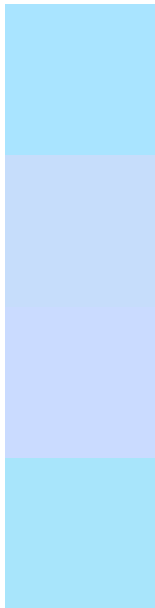
220.7670, 16.8769, 0.2043



Tritanopia

212.6280, 17.4384, -40.0158

Trichromacy



Original Color

213.4370, 20.4906, -38.9712

Protanomaly

217.5430, 16.4943, -17.1392

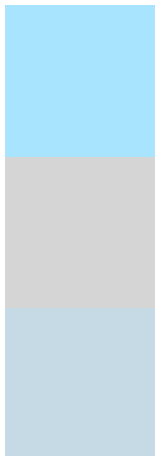
Deuteranomaly

218.0210, 18.2306, -14.0504

Tritanomaly

213.2690, 18.6014, -39.7009

Monochromacy



Original Color

213.4370, 20.4906, -38.9712

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4370, 20.4906, -38.9712 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(169, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 228, 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(169, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 228, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.4370, 20.4906, -38.9712 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(169, 228, 255) }
```


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

```
.border{ border-color:rgb(169, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(169, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 228,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.4370, 20.4906, -38.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 228, 255) }
```

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

```
.background{ background-color: rgb(169,  
228, 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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