

Converting Colors

YUV(209.8270, 22.2703,
-49.8373)

Have a look what the booklet for
YUV(209.8270, 22.2703, -49.8373)
contains.

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Color

**YUV(209.8270, 22.2703,
-49.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	99E6FF
RGB	153, 230, 255
RGB Percent	60%, 90%, 100%
CMY	0.4000, 0.0980, 0.0000
CMYK	0.40, 0.10, 0.00, 0.00
HSL	195°, 100%, 80%
HSV	195°, 40%, 100%
XYZ	59.4837, 70.5859, 105.0971
YIQ	209.8270, -53.9170, -8.5490

Conversions

Conversions Part 2

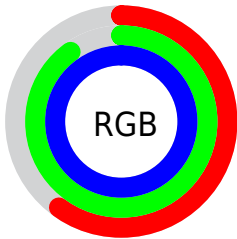
Format	Color
RYB	153, 197, 255
Decimal	10086143
CIELab	87.28, -17.50, -19.58
CIElCh	87, 26.263, 228.205
Yxy	70.5859, 0.2529, 0.3002
Android (android.graphics.Color)	4288276223 (0xFF99E6FF)
YUV	209.8270, 22.2703, -49.8373
Hunter-Lab	84.0154, -20.6474, -15.3566

Details

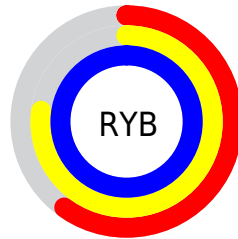
The YUV color **209.8270, 22.2703, -49.8373** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198.1730, -22.2703, 49.8373**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **153.4140, 21.9809, -50.3521** is the 20% darker color. If you saturate the color by 10%, you get **198.8300, 27.6918, -62.1179**, and if you desaturate by 10%, it is **221.1230, 16.7014, -36.9419**.

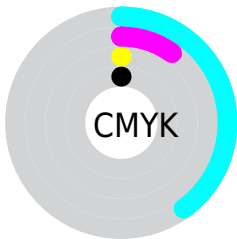
Distribution



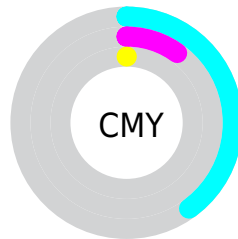
- Red (60%)
- Green (90%)
- Blue (100%)



- Red (60%)
- Yellow (77%)
- Blue (100%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8270, 22.2703, -49.8373 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 209.8270, 22.2703, -49.8373 by changing the saturation by 10% instead.

■ 209.8270, 22.2703,
-49.8373

■ 209.8270, 22.2703,
-49.8373

■ 255.0000, 0.0000,
0.0000

■ 181.7130, 21.8335,
-49.7373

■ 241.8440, 6.4859,
-27.0502

■ 153.4140, 21.9809,
-50.3521

■ 250.5150, 2.2111,
-9.2217

■ 126.4030, 21.9863,
-52.0964

■ 98.1960, 22.5814,
-56.2999

■ 70.5050, 23.9080,
-61.8329

■ 53.5670, 19.9335,
-46.9783

■ 37.3300, 16.1063,

-32.7384

■ 23.0820, 12.2846,
-20.2429

■ 3.6650, 11.5042,
-3.2142

■ 209.8270, 22.2703,
-49.8373

■ 209.8270, 22.2703,
-49.8373

■ 198.8300, 27.6918,
-62.1179

■ 221.1230, 16.7014,
-36.9419

■ 186.9470, 33.5501,
-74.4985

■ 232.7070, 10.9904,
-25.1760

■ 175.9500, 38.9717,
-86.7791

■ 244.0030, 5.4215,
-12.2806

■ 164.6540, 44.5406,
-99.6746

■ 255.0000, 0.0000,
0.0000

■ 153.3580, 50.1095,
-112.5700

■ 141.7740, 55.8204,
-124.3358

Harmonies

Analogous

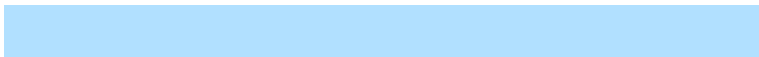
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.1830, 12.2348, -51.0265



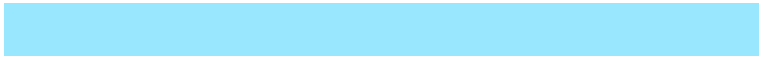
209.8270, 22.2703, -49.8373



213.4810, 20.4689, -31.9938

Triad

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



209.8270, 22.2703, -49.8373



221.0390, 4.4178, 29.7838



216.1860, -22.2767, 5.0989

Complementary

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



209.8270, 22.2703, -49.8373



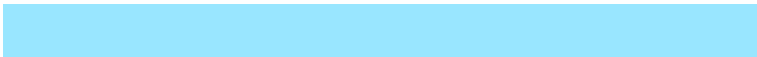
198.1730, -22.2703, 49.8373

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.



218.8510, -24.0835, 24.6867



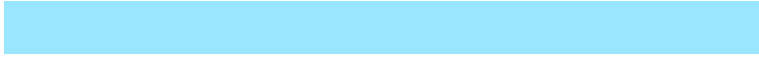
209.8270, 22.2703, -49.8373



217.4880, -6.6496, 32.8980

Square

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



209.8270, 22.2703, -49.8373



222.2960, 14.6441, 16.4034



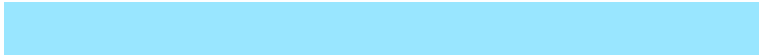
218.0290, -17.2693, 32.4236



212.6330, -13.6231, -17.2181

Rectangle

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



209.8270, 22.2703, -49.8373



216.8250, 18.8203, -16.5095



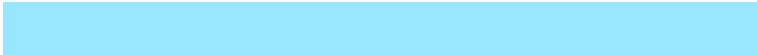
218.0290, -17.2693, 32.4236



216.8880, -23.6088, 12.3762

Sweetspot

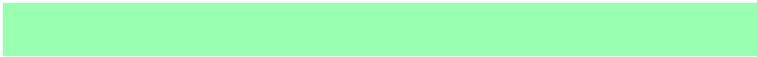
The Sweet Spot groups the original color and five complimentary colors.



209.8270, 22.2703, -49.8373



241.6220, 6.5954, -15.4545



215.6100, -19.0347, -54.9090



119.6830, 4.1003, -8.4920



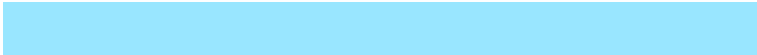
0.0000, 0.0000, 0.0000



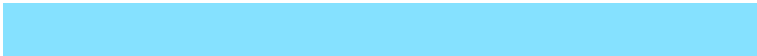
128.0000, 0.0000, 0.0000

Same Dimension

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



209.8270, 22.2703, -49.8373



200.9120, 26.6654, -59.5588



180.4770, 36.7398, -24.0973



121.7650, 3.0739, -5.9329



106.3020, 41.7561, -93.2269



35.4720, 14.0643, -31.1089

Inverse Universe

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



192.2760, 18.5979, 55.0089



179.9660, 22.2018, 65.8048



227.5230, -36.7398, 24.0973



119.9130, 2.0149, 7.0923



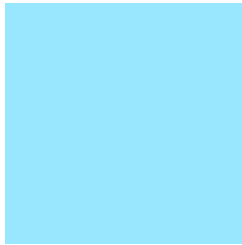
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 209.8270, 22.2703, -49.8373 looks on a white background.

Color Contrast Check

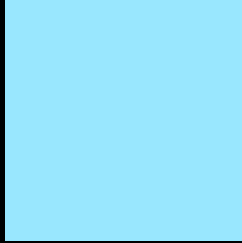
Large Text (above 18pt) WCAG AA × Fail

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 209.8270, 22.2703, -49.8373 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 209.8270, 22.2703, -49.8373

Background



This preview shows how black text looks on a background with the YUV color 209.8270, 22.2703, -49.8373.



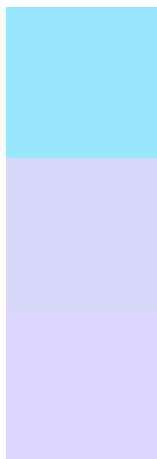
This preview shows how white text looks on a background with the YUV color 209.8270, 22.2703, -49.8373.

-49.8373.

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

209.8270, 22.2703, -49.8373

Protanopia

218.5230, 13.5462, -4.8437

Deuteranopia

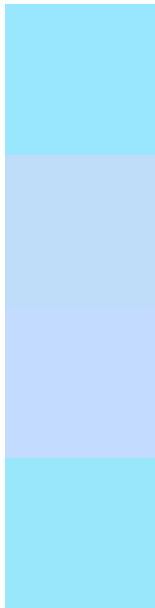
219.5820, 17.4611, -0.5104



Tritanopia

209.4310, 19.5075, -50.3670

Trichromacy



Original Color

209.8270, 22.2703, -49.8373

Protanomaly

215.2220, 16.6526, -21.2427

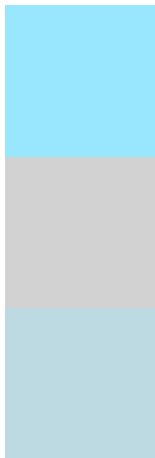
Deuteranomaly

215.9280, 19.2625, -18.3539

Tritanomaly

209.6590, 20.3811, -50.5669

Monochromacy



Original Color

209.8270, 22.2703, -49.8373

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.6540, 8.0586, -18.1136

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8270, 22.2703, -49.8373 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(153, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 230, 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(153, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 230, 255) }
```

Border

The CSS property to change the border of an element to YUV 209.8270, 22.2703, -49.8373 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(153, 230, 255) }
```


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

```
.border{ border-color:rgb(153, 230, 255) }
```

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

Here you see how a box with a 4 pixel rgb(153, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 209.8270, 22.2703, -49.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 230, 255) }
```

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

```
.background{ background-color: rgb(153,  
230, 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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