

Converting Colors

YUV(210.5460, 21.9158,
-29.4198)

Have a look what the booklet for
YUV(210.5460, 21.9158, -29.4198)
contains.

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Color

**YUV(210.5460, 21.9158,
-29.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DBFF
RGB	177, 219, 255
RGB Percent	69%, 86%, 100%
CMY	0.3059, 0.1412, 0.0000
CMYK	0.31, 0.14, 0.00, 0.00
HSL	208°, 100%, 85%
HSV	208°, 31%, 100%
XYZ	61.5130, 67.2301, 104.3424
YIQ	210.5460, -36.5880, 2.2920

Conversions

Conversions Part 2

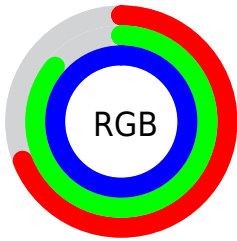
Format	Color
RYB	177, 204, 255
Decimal	11656191
CIELab	85.62, -5.52, -21.97
CIELCh	86, 22.657, 255.888
Yxy	67.2301, 0.2639, 0.2884
Android (android.graphics.Color)	4289846271 (0xFFB1DBFF)
YUV	210.5460, 21.9158, -29.4198
Hunter-Lab	81.9940, -9.5764, -18.0544

Details

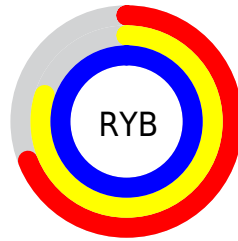
The YUV color $210.5460, 21.9158, -29.4198$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $221.4540, -21.9158, 29.4198$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $155.3180, 21.0422, -29.2199$ is the 20% darker color. If you saturate the color by 10%, you get $195.7280, 29.2211, -39.2265$, and if you desaturate by 10%, it is $225.3640, 14.6105, -19.6132$.

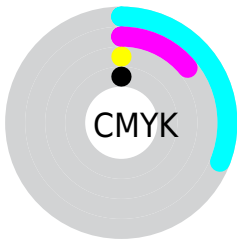
Distribution



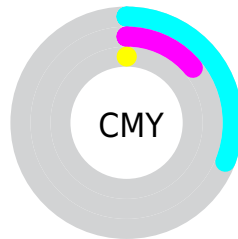
- Red (69%)
- Green (86%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5460, 21.9158, -29.4198 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 210.5460, 21.9158, -29.4198 by changing the saturation by 10% instead.

■ 210.5460, 21.9158,
-29.4198

■ 210.5460, 21.9158,
-29.4198

255.0000, 0.0000,
0.0000

■ 182.4320, 21.4790,
-29.3199

■ 248.7210, 3.0955,
-12.9103

■ 155.3180, 21.0422,
-29.2199

■ 129.2040, 20.6054,
-29.1199

■ 102.7910, 20.3160,
-29.6347

■ 77.7800, 20.3215,
-31.3791

■ 51.5620, 20.9219,
-37.3269

■ 33.2210, 18.1320,

-29.1348

■ 18.8590, 13.8735,
-16.5393

■ 3.6650, 11.5042,
-3.2142

■ 210.5460, 21.9158,
-29.4198

■ 210.5460, 21.9158,
-29.4198

■ 195.7280, 29.2211,
-39.2265

■ 225.3640, 14.6105,
-19.6132

■ 181.2090, 36.3790,
-48.4183

■ 239.8830, 7.4527,
-10.4214

■ 166.9780, 43.3948,
-58.7397

■ 254.1140, 0.4368,
-0.1000

■ 152.4590, 50.5527,
-67.9315

■ 255.0000, 0.0000,
0.0000

■ 137.6410, 57.8580,
-77.7382

■ 123.1220, 65.0159,
-86.9300

■ 109.4890, 71.7369,
-96.0219

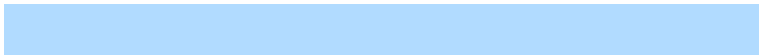
Harmonies

Analogous

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



206.8450, 18.3174, -41.9601



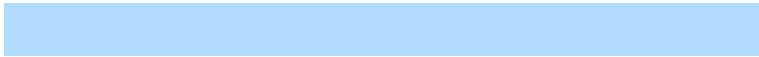
210.5460, 21.9158, -29.4198



214.8090, 19.8142, -8.6025

Triad

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



210.5460, 21.9158, -29.4198



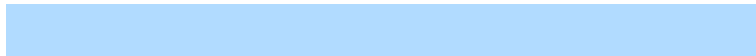
216.2000, -6.5076, 34.0276



209.2960, -12.4709, -13.4146

Complementary

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



210.5460, 21.9158, -29.4198



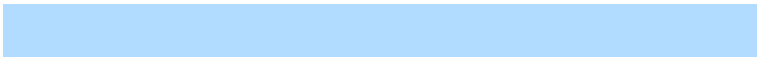
221.4540, -21.9158, 29.4198

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.



211.9950, -19.2245, 6.1434



210.5460, 21.9158, -29.4198



216.3820, -15.9643, 33.8680

Square

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



210.5460, 21.9158, -29.4198



218.0990, 3.4022, 28.8542



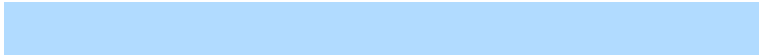
214.1650, -20.2943, 22.6573



206.9330, -1.9390, -31.5132

Rectangle

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



210.5460, 21.9158, -29.4198



216.5720, 15.9870, 5.6374



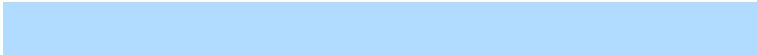
214.1650, -20.2943, 22.6573



209.9440, -15.2554, -6.9669

Sweetspot

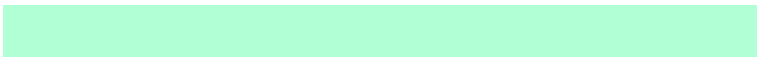
The Sweet Spot groups the original color and five complimentary colors.



210.5460, 21.9158, -29.4198



241.6660, 6.5737, -8.4771



226.7760, -7.2846, -43.6536



119.4060, 4.2368, -5.6181



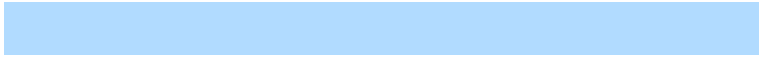
0.0000, 0.0000, 0.0000



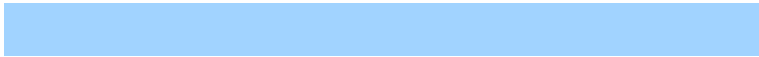
128.0000, 0.0000, 0.0000

Same Dimension

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



210.5460, 21.9158, -29.4198



201.0660, 26.5895, -35.1379



188.2400, 32.9127, -9.8575



120.5910, 3.6526, -4.9033



82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Inverse Universe

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



205.1100, 6.8478, 43.7535



194.8060, 7.9836, 52.7901



243.7600, -32.9127, 9.8575



119.6850, 1.1413, 7.2923



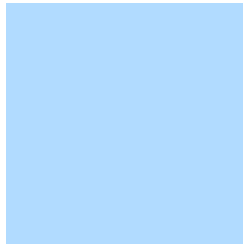
68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 210.5460, 21.9158, -29.4198 looks on a white background.

Color Contrast Check

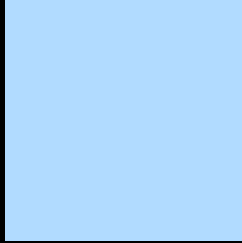
Large Text (above 18pt) WCAG AA × Fail

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 210.5460, 21.9158, -29.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

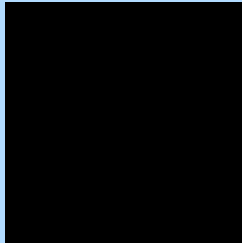
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

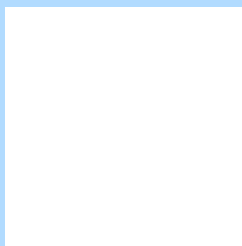
Any Text WCAG AAA ✓ Pass

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

YUV 210.5460, 21.9158, -29.4198 Background



This preview shows how black text looks on a background with the YUV color 210.5460, 21.9158, -29.4198.



This preview shows how white text looks on a background with the YUV color 210.5460, 21.9158, -29.4198.

-29.4198.

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

210.5460, 21.9158, -29.4198

Protanopia

214.5380, 17.4828, -7.4878

Deuteranopia

215.4400, 19.5031, -2.1399



Tritanopia

209.5860, 14.5011, -31.2089

Trichromacy



Original Color

210.5460, 21.9158, -29.4198

Protanomaly

213.2380, 19.1097, -15.9947

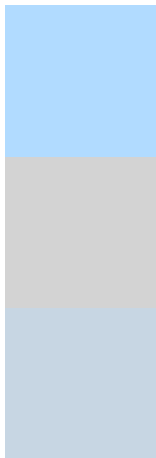
Deuteranomaly

213.9010, 20.2618, -12.1912

Tritanomaly

209.9820, 17.2639, -30.6792

Monochromacy



Original Color

210.5460, 21.9158, -29.4198

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5460, 21.9158, -29.4198 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(177, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 219, 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(177, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 210.5460, 21.9158, -29.4198 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(177, 219, 255) }
```


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

```
.border{ border-color:rgb(177, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 210.5460, 21.9158, -29.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 219, 255) }
```

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

```
.background{ background-color: rgb(177,  
219, 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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