

Converting Colors

YUV(200.0730, 22.6420,
-29.0050)

Have a look what the booklet for
YUV(200.0730, 22.6420, -29.0050)
contains.

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Color

**YUV(200.0730, 22.6420,
-29.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D0F6
RGB	167, 208, 246
RGB Percent	65%, 82%, 96%
CMY	0.3451, 0.1843, 0.0353
CMYK	0.32, 0.15, 0.00, 0.04
HSL	209°, 81%, 81%
HSV	209°, 32%, 96%
XYZ	55.1268, 59.9811, 95.8608
YIQ	200.0730, -36.6340, 3.1260

Conversions

Conversions Part 2

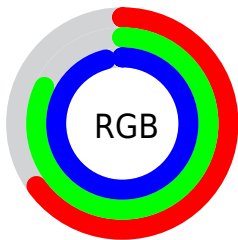
Format	Color
RYB	167, 194, 246
Decimal	10998006
CIELab	81.83, -4.70, -23.02
CIELCh	82, 23.491, 258.470
Yxy	59.9811, 0.2613, 0.2843
Android (android.graphics.Color)	4289188086 (0xFFA7D0F6)
YUV	200.0730, 22.6420, -29.0050
Hunter-Lab	77.4474, -8.4774, -19.1732

Details

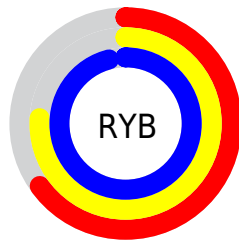
The YUV color `200.0730, 22.6420, -29.0050` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `212.9270, -22.6420, 29.0050`, and the grayscale version is `200.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `245.7310, 4.5696, -19.0581`, and `145.8450, 21.7684, -28.8051` is the 20% darker color. If you saturate the color by 10%, you get `185.5540, 29.7999, -38.1969`, and if you desaturate by 10%, it is `214.5920, 15.4841, -19.8132`.

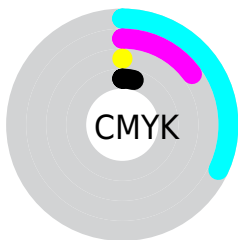
Distribution



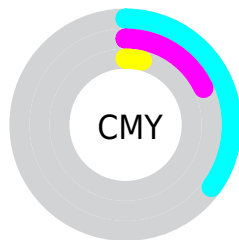
- Red (65%)
- Green (82%)
- Blue (96%)



- Red (65%)
- Yellow (76%)
- Blue (96%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.0730, 22.6420, -29.0050 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 200.0730, 22.6420, -29.0050 by changing the saturation by 10% instead.

■ 200.0730, 22.6420,
-29.0050

■ 200.0730, 22.6420,
-29.0050

■ 255.0000, 0.0000,
0.0000

■ 172.2580, 22.0578,
-28.2903

■ 245.7310, 4.5696,
-19.0581

■ 145.8450, 21.7684,
-28.8051

■ 254.4020, 0.2948,
-1.2296

■ 119.3180, 21.0422,
-29.2199

■ 93.9050, 20.7528,
-29.7347

■ 68.5950, 20.9057,
-32.0938

■ 42.6760, 21.3587,
-37.4269

■ 27.7270, 17.3896,

-24.3166

■ 12.3050, 14.1466,
-10.7915

■ 2.7530, 8.0098,
-2.4144

■ 200.0730, 22.6420,
-29.0050

■ 200.0730, 22.6420,
-29.0050

■ 185.5540, 29.7999,
-38.1969

■ 214.5920, 15.4841,
-19.8132

■ 171.3340, 36.8103,
-46.7739

■ 228.8120, 8.4737,
-11.2361

■ 157.4020, 43.6788,
-56.4806

■ 242.7440, 1.6052,
-1.5295

■ 143.1820, 50.6893,
-65.0576

■ 253.9740, -3.9312,
0.8998

■ 128.6630, 57.8471,
-74.2495

■ 114.1440, 65.0050,
-83.4413

■ 103.1800, 70.4103,
-90.4889

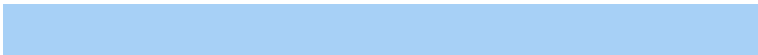
Harmonies

Analogous

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



195.8880, 19.7752, -42.8748



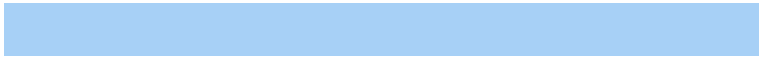
200.0730, 22.6420, -29.0050



204.5210, 19.9561, -7.4729

Triad

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



200.0730, 22.6420, -29.0050



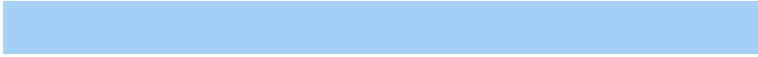
206.4670, -8.1182, 37.3014



198.3990, -12.0287, -15.2589

Complementary

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



200.0730, 22.6420, -29.0050



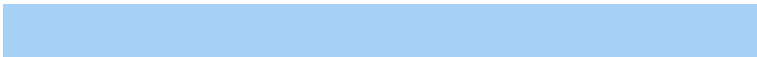
212.9270, -22.6420, 29.0050

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.



200.9840, -19.2191, 4.3990



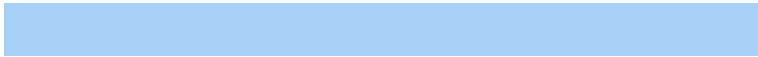
200.0730, 22.6420, -29.0050



205.1540, -16.8379, 34.0679

Square

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



200.0730, 22.6420, -29.0050



207.5830, 2.6706, 30.1837



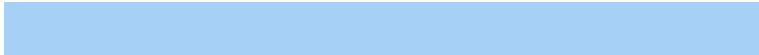
203.3390, -20.8731, 21.6277



196.1500, -1.0599, -33.4575

Rectangle

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



200.0730, 22.6420, -29.0050



206.4690, 15.5448, 7.4817



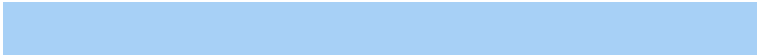
203.3390, -20.8731, 21.6277



199.0470, -14.8132, -8.8112

Sweetspot

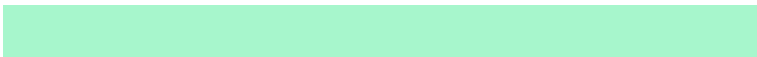
The Sweet Spot groups the original color and five complimentary colors.



200.0730, 22.6420, -29.0050



240.4810, 7.1579, -9.1918



217.5910, -6.7004, -44.3683



118.5200, 4.6736, -5.7180



0.0000, 0.0000, 0.0000



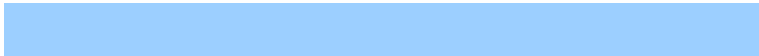
128.0000, 0.0000, 0.0000

Same Dimension

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



200.0730, 22.6420, -29.0050



197.2230, 28.4841, -36.1526



177.7670, 33.6389, -9.4427



115.4770, 3.2158, -4.8033



78.1430, 53.1735, -68.5314



24.3360, 17.0894, -21.3427

Inverse Universe

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



195.2950, 6.2636, 44.4683



191.4150, 7.6834, 55.7640



235.2330, -33.6389, 9.4427



114.3860, 1.2887, 6.6775



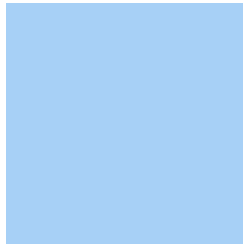
66.6720, 14.9517, 104.6507



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 200.0730, 22.6420, -29.0050 looks on a white background.

Color Contrast Check

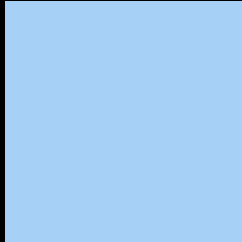
Large Text (above 18pt) WCAG AA × Fail

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 200.0730, 22.6420, -29.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

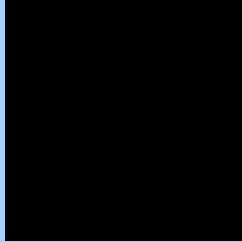
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

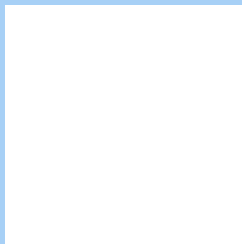
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.0730, 22.6420, -29.0050

Background



This preview shows how black text looks on a background with the YUV color 200.0730, 22.6420, -29.0050.



This preview shows how white text looks on a background with the YUV color 200.0730, 22.6420, -29.0050.

-29.0050.

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

200.0730, 22.6420, -29.0050

Protanopia

203.7660, 18.3564, -7.6878

Deuteranopia

204.8850, 21.2557, -4.2841



Tritanopia

198.5860, 14.5011, -31.2089

Trichromacy



Original Color

200.0730, 22.6420, -29.0050

Protanomaly

202.7650, 19.8359, -15.5799

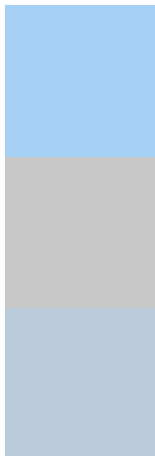
Deuteranomaly

202.9440, 21.7196, -13.1059

Tritanomaly

199.0960, 17.7007, -30.7792

Monochromacy



Original Color

200.0730, 22.6420, -29.0050

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0730, 22.6420, -29.0050 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(167, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 246)  
}
```

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(167, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 246) }
```

Border

The CSS property to change the border of an element to YUV 200.0730, 22.6420, -29.0050 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(167, 208, 246) }
```


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

```
.border{ border-color:rgb(167, 208, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 208, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 246);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 200.0730, 22.6420, -29.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 246) }
```

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

```
.background{ background-color: rgb(167,  
208, 246) }
```

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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