

Converting Colors

XYZ(62.7006, 70.7943,
104.9677)

Have a look what the booklet for
XYZ(62.7006, 70.7943, 104.9677)
contains.

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Color

**XYZ(62.4799, 70.4969,
104.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE2FF
RGB	173, 226, 255
RGB Percent	68%, 89%, 100%
CMY	0.3216, 0.1137, 0.0000
CMYK	0.32, 0.11, 0.00, 0.00
HSL	201°, 100%, 84%
HSV	201°, 32%, 100%
XYZ	62.4799, 70.4969, 104.9220
YIQ	213.4590, -40.8970, -2.2170

Conversions

Conversions Part 2

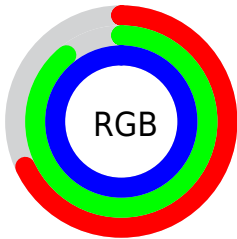
Format	Color
RYB	173, 205, 255
Decimal	11395839
CIELab	87.24, -10.25, -19.54
CIELCh	87, 22.070, 242.321
Yxy	70.4969, 0.2626, 0.2963
Android (android.graphics.Color)	4289585919 (0xFFADE2FF)
YUV	213.4590, 20.4797, -35.4825
Hunter-Lab	83.9624, -14.1051, -15.3169

Details

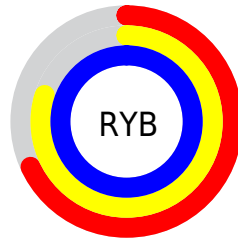
The XYZ color **62.4799, 70.4969, 104.9220** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.9036, 66.5181, 48.6919**, and the grayscale version is **63.4415, 66.7454, 72.6857**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **32.2272, 37.0546, 58.8798** is the 20% darker color. If you saturate the color by 10%, you get **54.9826, 63.0886, 103.8872**, and if you desaturate by 10%, it is **71.1862, 78.7233, 106.0509**.

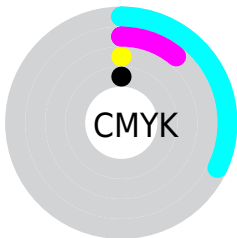
Distribution



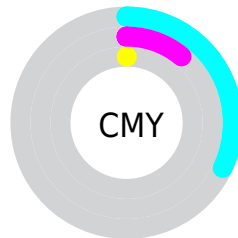
- Red (68%)
- Green (89%)
- Blue (100%)



- Red (68%)
- Yellow (80%)
- Blue (100%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4799, 70.4969, 104.9220 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 XYZ color 62.4799, 70.4969, 104.9220 by changing the saturation by 10% instead.

■ 62.4799, 70.4969,
104.9220

■ 62.4799, 70.4969,
104.9220

423.3692,
462.2928, 597.2413

■ 45.6776, 51.9317,
79.7777

■ 107.5049,
119.9171, 170.0155

■ 32.1951, 36.9507,
59.0104

136.4583,
151.5409, 210.8018

■ 21.6668, 25.1693,
42.2014

170.1928,
188.2864, 257.6392

■ 13.7275, 16.2032,
28.9323

209.0737,
230.5380, 310.9462

■ 8.0118, 9.6681,
18.7845

253.4665,
278.6800, 371.1414

■ 4.1544, 5.1794,
11.3394

303.7364,

■ 1.7898, 2.3529,

333.0969, 438.6433

6.1786

360.2489,
394.1730, 513.8704

■ 0.5115, 0.8015,
2.8834

■ 0.0000, 0.0000,
1.0354

■ 62.4799, 70.4969,
104.9220

■ 62.4799, 70.4969,
104.9220

■ 54.9826, 63.0886,
103.8872

■ 71.1862, 78.7233,
106.0509

■ 48.6249, 56.4546,
102.9418

■ 81.1540, 87.7927,
107.2761

■ 43.3394, 50.5589,
102.0824

■ 92.4397, 97.7385,
108.6011

■ 39.0481, 45.3583,
101.3047

95.0500, 100.0000,
108.9000

■ 35.6615, 40.8034,
100.6040

■ 33.0720, 36.8356,
99.9746

■ 31.4738, 34.0675,
99.5246

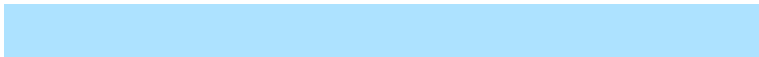
Harmonies

Analogous

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



58.9283, 70.4969, 93.0592



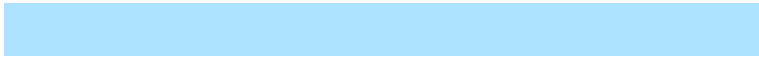
62.4799, 70.4969, 104.9220



67.4097, 70.4969, 108.9686

Triad

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



62.4799, 70.4969, 104.9220



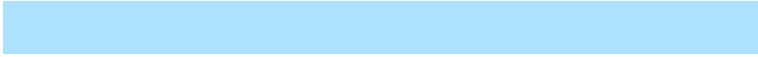
77.4685, 70.4969, 75.6088



61.8149, 70.4969, 55.0703

Complementary

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



62.4799, 70.4969, 104.9220



69.9036, 66.5181, 48.6919

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.



66.6023, 70.4969, 51.6186



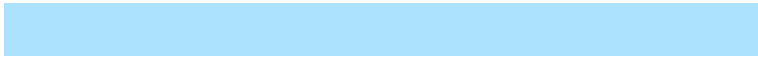
62.4799, 70.4969, 104.9220



75.7883, 70.4969, 62.4831

Square

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



62.4799, 70.4969, 104.9220



76.2274, 70.4969, 90.8010



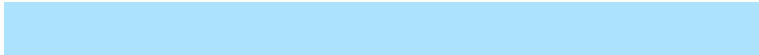
71.7439, 70.4969, 54.1489



58.5585, 70.4969, 64.2451

Rectangle

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



62.4799, 70.4969, 104.9220



70.8633, 70.4969, 106.3177



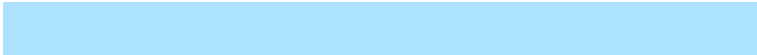
71.7439, 70.4969, 54.1489



63.2897, 70.4969, 53.2598

Sweetspot

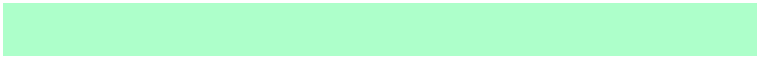
The Sweet Spot groups the original color and five complimentary colors.



62.4818, 70.4996, 104.9224



83.4734, 89.8613, 107.5532



63.6198, 84.6548, 68.6794



17.5415, 18.9443, 22.9820



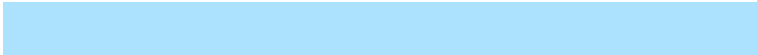
0.0000, 0.0000, 0.0000



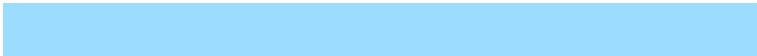
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4818, 70.4996, 104.9224



57.2225, 65.3414, 104.2039



52.6968, 50.9295, 101.6607



17.9827, 19.3370, 23.0346



16.5916, 18.0927, 52.0524



1.7184, 1.9675, 5.1025

Inverse Universe

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



69.9123, 56.6397, 79.2022



65.9491, 50.0446, 73.7773



80.7442, 88.1994, 52.3055



18.5039, 18.1849, 21.2708



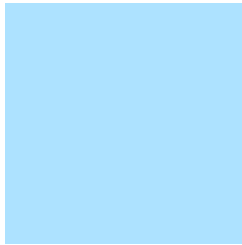
25.1629, 12.5544, 20.0399



2.5020, 1.2432, 2.2248

Previews

White Background



This preview shows how the XYZ color 62.4799, 70.4969, 104.9220 looks on a white background.

Color Contrast Check

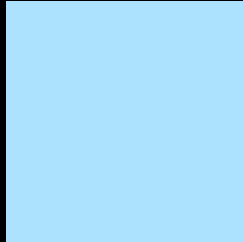
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.4799, 70.4969, 104.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

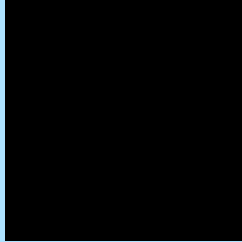
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4799, 70.4969, 104.9220

Background



This preview shows how black text looks on a background with the XYZ color 62.4799, 70.4969, 104.9220.

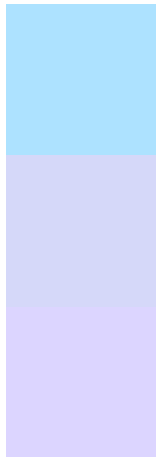


This preview shows how white text looks on a background with the XYZ color 62.4799, 70.4969,

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

62.4799, 70.4969, 104.9220

Protanopia

69.0953, 70.0974, 99.5110

Deuteranopia

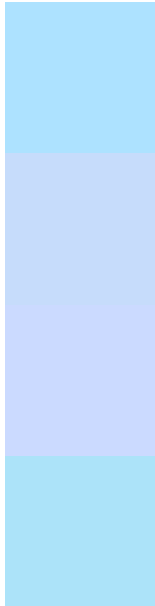
71.3594, 70.0241, 104.3627



Tritanopia

61.1725, 70.7986, 97.6301

Trichromacy



Original Color

62.4799, 70.4969, 104.9220

Protanomaly

66.2945, 70.1572, 101.3144

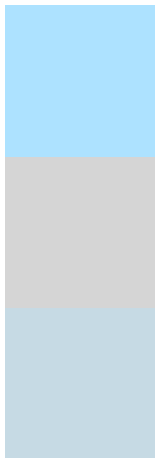
Deuteranomaly

67.7500, 70.0593, 104.5597

Tritanomaly

61.5812, 70.5484, 99.9941

Monochromacy



Original Color

62.4799, 70.4969, 104.9220

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.3637, 67.7500, 83.1889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4799, 70.4969, 104.9220 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(173, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.4799, 70.4969, 104.9220 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(173, 226, 255) }
```


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

```
.border{ border-color:rgb(173, 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(173, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4799, 70.4969, 104.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 226, 255) }
```

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

```
.background{ background-color: rgb(173,  
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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