

Converting Colors

XYZ(62.0327, 72.0343,
104.4019)

Have a look what the booklet for
XYZ(62.0327, 72.0343, 104.4019)
contains.

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Color

**XYZ(61.9121, 71.8564,
104.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E6FE
RGB	166, 230, 254
RGB Percent	65%, 90%, 100%
CMY	0.3490, 0.0980, 0.0039
CMYK	0.35, 0.09, 0.00, 0.00
HSL	196°, 98%, 82%
HSV	196°, 35%, 100%
XYZ	61.9121, 71.8564, 104.3725
YIQ	213.6000, -45.8480, -6.1040

Conversions

Conversions Part 2

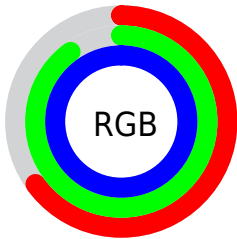
Format	Color
R _Y B	166, 203, 254
Decimal	10938110
CIE Lab	87.90, -14.42, -18.06
CIE LCh	88, 23.110, 231.407
Yxy	71.8564, 0.2600, 0.3017
Android (android.graphics.Color)	4289128190 (0xFFA6E6FE)
YUV	213.6000, 19.9172, -41.7452
Hunter-Lab	84.7682, -17.9733, -13.6643

Details

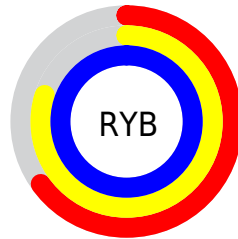
The XYZ color **61.9121, 71.8564, 104.3725** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.1706, 60.6518, 44.2977**, and the grayscale version is **63.5422, 66.8513, 72.8011**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **31.7696, 37.6828, 58.4224** is the 20% darker color. If you saturate the color by 10%, you get **55.2152, 65.6007, 103.5192**, and if you desaturate by 10%, it is **69.7414, 78.8130, 105.3039**.

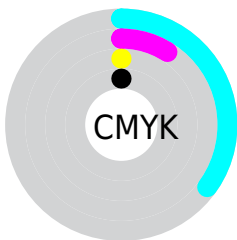
Distribution



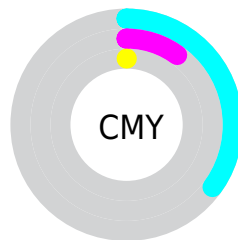
- Red (65%)
- Green (90%)
- Blue (100%)



- Red (65%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9121, 71.8564, 104.3725 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 61.9121, 71.8564, 104.3725 by changing the saturation by 10% instead.

61.9121, 71.8564,
104.3725

61.9121, 71.8564,
104.3725

421.3331,
467.0416, 595.4882

45.2170, 53.0414,
79.3200

106.6891,
121.8523, 169.2572

31.8304, 37.8358,
58.6361

135.5018,
153.8021, 209.9266

21.3869, 25.8553,
41.9022

169.0843,
190.8988, 256.6386

13.5212, 16.7154,
28.6997

207.8022,
233.5270, 309.8119

7.8679, 10.0318,
18.6101

252.0206,
282.0709, 369.8649

4.0616, 5.4200,
11.2150

302.1050,

1.7370, 2.4958,

336.9151, 437.2163

6.0956

358.4207,
398.4439, 512.2845

■ 0.4793, 0.8745,
2.8336

■ 0.0000, 0.0000,
1.0103

■ 61.9121, 71.8564,
104.3725

■ 61.9121, 71.8564,
104.3725

■ 55.2152, 65.6007,
103.5192

■ 69.7414, 78.8130,
105.3039

■ 49.5812, 60.0035,
102.7358

■ 78.7546, 86.4933,
106.3112

■ 44.9425, 55.0306,
102.0204

■ 89.0076, 94.9290,
107.3991

■ 41.2207, 50.6401,
101.3691

94.8896, 99.9359,
108.0555

■ 38.3247, 46.7838,
100.7774

■ 36.1428, 43.4025,
100.2398

■ 35.1831, 41.7427,
99.9700

Harmonies

Analogous

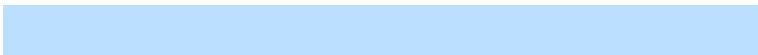
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.9192, 71.8564, 89.8196



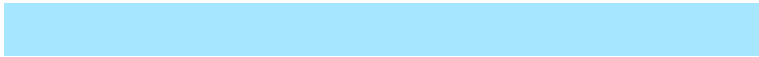
61.9121, 71.8564, 104.3725



66.7297, 71.8564, 112.1609

Triad

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



61.9121, 71.8564, 104.3725



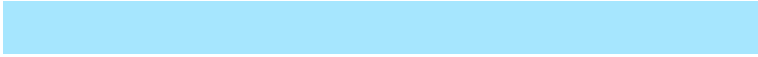
79.2940, 71.8564, 82.8517



64.5106, 71.8564, 53.2987

Complementary

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



61.9121, 71.8564, 104.3725



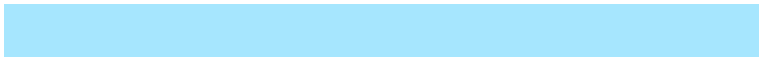
66.1706, 60.6518, 44.2977

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.



69.8894, 71.8564, 51.9560



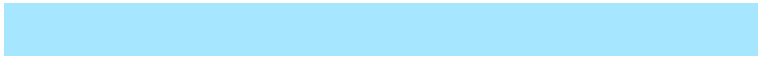
61.9121, 71.8564, 104.3725



78.6213, 71.8564, 67.6999

Square

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



61.9121, 71.8564, 104.3725



76.8988, 71.8564, 98.6885



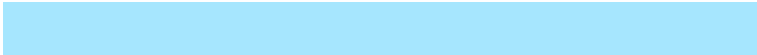
75.1072, 71.8564, 56.8789



60.3625, 71.8564, 60.8303

Rectangle

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



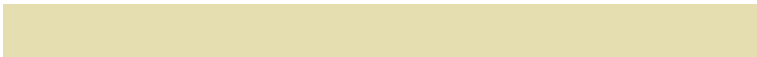
61.9121, 71.8564, 104.3725



70.4098, 71.8564, 111.8330



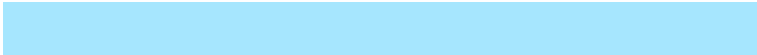
75.1072, 71.8564, 56.8789



66.2276, 71.8564, 52.1528

Sweetspot

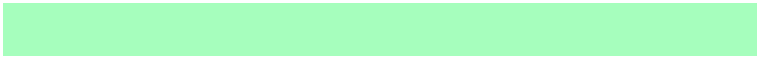
The Sweet Spot groups the original color and five complimentary colors.



61.9143, 71.8592, 104.3742



84.1044, 91.1235, 107.7636



60.4054, 82.6865, 61.1884



17.6947, 19.2506, 23.0331



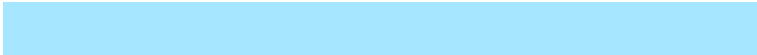
0.0000, 0.0000, 0.0000



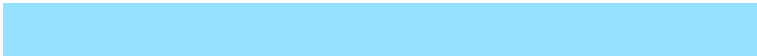
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9143, 71.8592, 104.3742



57.3849, 67.7870, 104.6674



51.2885, 50.6076, 100.8322



18.1114, 19.5944, 23.0775



18.6780, 22.2655, 52.7478



1.9096, 2.3500, 5.1662

Inverse Universe

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



68.7940, 54.0584, 81.6745



65.5134, 47.8881, 77.5934



77.0287, 82.3680, 47.9170



18.5689, 18.2109, 21.6128



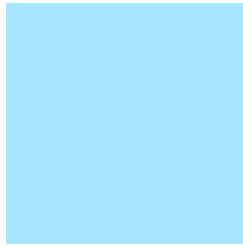
26.2160, 12.9757, 25.5855



2.5985, 1.2818, 2.7331

Previews

White Background



This preview shows how the XYZ color 61.9121, 71.8564, 104.3725 looks on a white background.

Color Contrast Check

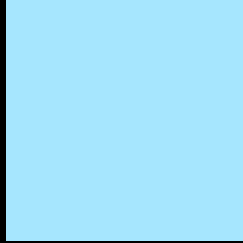
Large Text (above 18pt) WCAG AA × Fail

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 61.9121, 71.8564, 104.3725 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 61.9121, 71.8564, 104.3725

Background



This preview shows how black text looks on a background with the XYZ color 61.9121, 71.8564, 104.3725.



This preview shows how white text looks on a background with the XYZ color 61.9121, 71.8564,

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

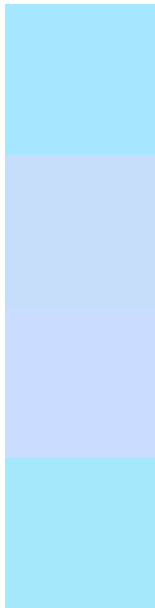




Tritanopia

61.1918, 71.9907, 100.2930

Trichromacy



Original Color

61.9121, 71.8564, 104.3725

Protanomaly

66.5089, 71.0879, 99.8385

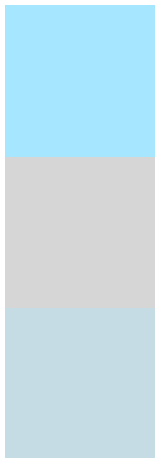
Deuteranomaly

68.0003, 70.9630, 104.7210

Tritanomaly

61.5056, 72.1162, 101.9449

Monochromacy



Original Color

61.9121, 71.8564, 104.3725

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7620, 68.7139, 84.0839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9121, 71.8564, 104.3725 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(166, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(166, 230, 254)  
}
```

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(166, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 230, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.9121, 71.8564, 104.3725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

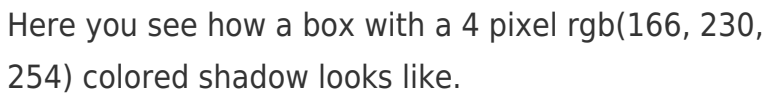
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 230, 254) }
```


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

```
.border{ border-color:rgb(166, 230, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 230, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 230, 254); box-shadow:4px 4px 4px 4px rgb(166, 230, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9121, 71.8564, 104.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 230, 254) }
```

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

```
.background{ background-color: rgb(166,  
230, 254) }
```

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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