

Converting Colors

XYZ(61.6714, 76.7309,
104.0299)

Have a look what the booklet for
XYZ(61.6714, 76.7309, 104.0299)
contains.

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Color

**XYZ(61.7172, 76.9221,
103.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	95F2FC
RGB	149, 242, 252
RGB Percent	58%, 95%, 99%
CMY	0.4157, 0.0510, 0.0118
CMYK	0.41, 0.04, 0.00, 0.01
HSL	186°, 94%, 79%
HSV	186°, 41%, 99%
XYZ	61.7172, 76.9221, 103.6901
YIQ	215.3330, -58.6380, -16.6060

Conversions

Conversions Part 2

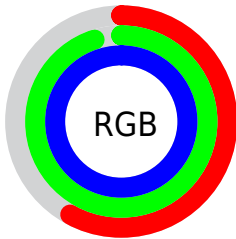
Format	Color
RYB	149, 198, 252
Decimal	9827068
CIELab	90.29, -25.16, -13.52
CIELCh	90, 28.558, 208.250
Yxy	76.9221, 0.2547, 0.3174
Android (android.graphics.Color)	4288017148 (0xFF95F2FC)
YUV	215.3330, 18.0768, -58.1740
Hunter-Lab	87.7052, -27.8757, -8.7023

Details

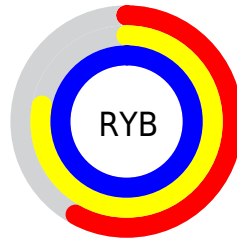
The XYZ color **61.7172, 76.9221, 103.6901** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.9690, 47.6626, 34.5800**, and the grayscale version is **64.7286, 68.0995, 74.1604**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **31.7236, 41.2821, 57.9260** is the 20% darker color. If you saturate the color by 10%, you get **56.8850, 73.3592, 103.2584**, and if you desaturate by 10%, it is **67.5584, 81.0232, 104.1752**.

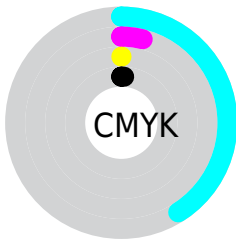
Distribution



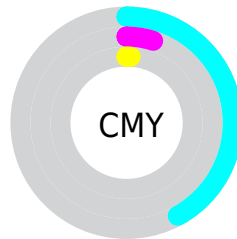
- Red (58%)
- Green (95%)
- Blue (99%)



- Red (58%)
- Yellow (78%)
- Blue (99%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7172, 76.9221, 103.6901 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 61.7172, 76.9221, 103.6901 by changing the saturation by 10% instead.

61.7172, 76.9221,
103.6901

61.7172, 76.9221,
103.6901

420.6328,
484.4984, 593.3072

45.0590, 57.1889,
78.7519

106.4089,
129.0295, 168.3150

31.7053, 41.1570,
58.1717

135.1732,
162.1726, 208.8387

21.2910, 28.4417,
41.5311

168.7034,
200.5543, 255.3947

13.4505, 18.6589,
28.4115

207.3651,
244.5593, 308.4015

7.8187, 11.4241,
18.3943

251.5235,
294.5718, 368.2776

4.0300, 6.3528,
11.0611

301.5440,

1.7191, 3.0608,

350.9762, 435.4415

5.9933

357.7920,
414.1569, 510.3119

0.4682, 1.1636,
2.7723

0.0000, 0.0316,
0.9796

61.7172, 76.9221,
103.6901

61.7172, 76.9221,
103.6901

56.8850, 73.3592,
103.2584

67.5584, 81.0232,
104.1752

52.9900, 70.2921,
102.8717

74.4607, 85.6840,
104.7110

49.9621, 67.6863,
102.5283

82.4808, 90.9357,
105.3020

47.7181, 65.4989,
102.2244

91.6694, 96.8043,
105.9504

■ 46.1583, 63.6785, 94.3272, 99.3209,
101.9552 106.2961

■ 45.1883, 62.2630, 94.5709, 99.8084,
101.7331 106.3773

Harmonies

Analogous

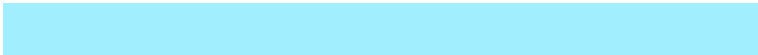
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.2796, 76.9221, 82.5650



61.7172, 76.9221, 103.6901



66.1508, 76.9221, 121.6607

Triad

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



61.7172, 76.9221, 103.6901



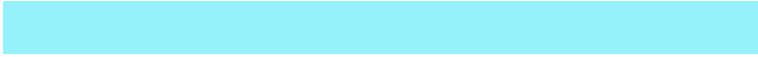
85.3660, 76.9221, 106.0964



73.5305, 76.9221, 50.3957

Complementary

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



61.7172, 76.9221, 103.6901



57.9690, 47.6626, 34.5800

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.



80.5455, 76.9221, 54.6749



61.7172, 76.9221, 103.6901



87.6478, 76.9221, 84.9565

Square

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



61.7172, 76.9221, 103.6901



79.7766, 76.9221, 123.2008



85.8298, 76.9221, 66.5544



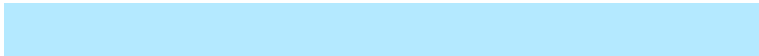
66.8296, 76.9221, 53.7800

Rectangle

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



61.7172, 76.9221, 103.6901



70.3630, 76.9221, 128.2393



85.8298, 76.9221, 66.5544



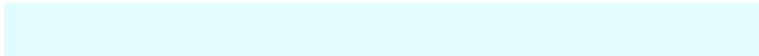
75.9320, 76.9221, 50.9697

Sweetspot

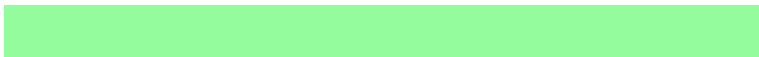
The Sweet Spot groups the original color and five complimentary colors.



61.7195, 76.9251, 103.6919



83.7344, 92.7708, 108.1010



53.3422, 78.4662, 44.4959



17.6815, 19.7003, 23.1206



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.



61.7195, 76.9251, 103.6919



59.2758, 75.9942, 106.1519



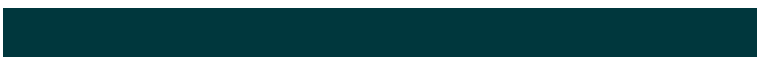
48.7982, 51.0824, 99.3848



17.6134, 19.3036, 22.1829



23.5996, 32.5547, 53.0134



2.2263, 3.0962, 4.9235

Inverse Universe

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



66.9212, 48.6030, 89.8619



65.3876, 43.7019, 89.6815



68.3922, 68.5090, 38.0544



17.9161, 17.4938, 21.4141



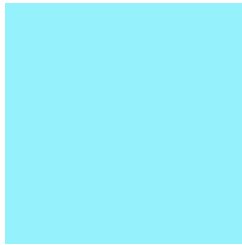
28.2040, 13.6973, 39.3782



2.6326, 1.2768, 3.7548

Previews

White Background



This preview shows how the XYZ color 61.7172, 76.9221, 103.6901 looks on a white background.

Color Contrast Check

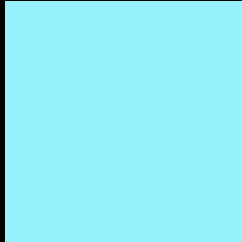
Large Text (above 18pt) WCAG AA × Fail

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 61.7172, 76.9221, 103.6901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

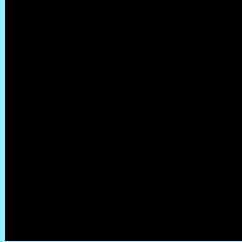
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7172, 76.9221, 103.6901

Background



This preview shows how black text looks on a background with the XYZ color 61.7172, 76.9221, 103.6901.

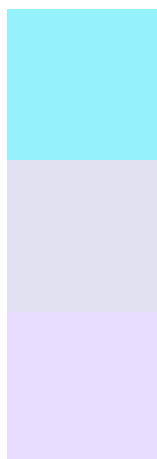


This preview shows how white text looks on a background with the XYZ color 61.7172, 76.9221,

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

61.7172, 76.9221, 103.6901

Protanopia

74.1664, 76.3701, 94.0510

Deuteranopia

77.5107, 76.2565, 105.2415



Tritanopia

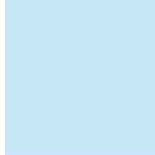
64.3504, 76.4761, 105.9775

Trichromacy



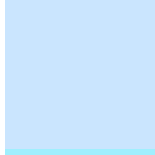
Original Color

61.7172, 76.9221, 103.6901



Protanomaly

68.3460, 75.7502, 97.4052



Deuteranomaly

70.2658, 75.7509, 104.6839



Tritanomaly

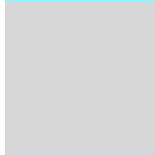
63.2531, 76.3623, 105.1715

Monochromacy



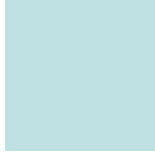
Original Color

61.7172, 76.9221, 103.6901



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.4147, 70.5282, 83.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7172, 76.9221, 103.6901 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(149, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(149, 242, 252)  
}
```

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(149, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 242, 252) }
```

Border

The CSS property to change the border of an element to XYZ 61.7172, 76.9221, 103.6901 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(149, 242, 252) }
```


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

```
.border{ border-color:rgb(149, 242, 252) }
```

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

Here you see how a box with a 4 pixel rgb(149, 242, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(149, 242,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7172, 76.9221, 103.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 242, 252) }
```

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

```
.background{ background-color: rgb(149,  
242, 252) }
```

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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