

Converting Colors

XYZ(60.9660, 71.4779, 99.3903)

Have a look what the booklet for
XYZ(60.9660, 71.4779, 99.3903)
contains.

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Color

**XYZ(60.9660, 71.4779,
99.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E6F8
RGB	166, 230, 248
RGB Percent	65%, 90%, 97%
CMY	0.3490, 0.0980, 0.0274
CMYK	0.33, 0.07, 0.00, 0.03
HSL	193°, 85%, 81%
HSV	193°, 33%, 97%
XYZ	60.9660, 71.4779, 99.3903
YIQ	212.9160, -43.9220, -7.9700

Conversions

Conversions Part 2

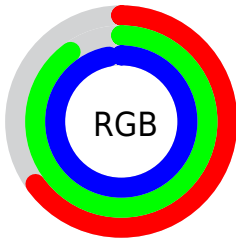
Format	Color
R _Y B	166, 202, 248
Decimal	10938104
CIE Lab	87.72, -15.85, -15.19
CIE LCh	88, 21.950, 223.784
Yxy	71.4779, 0.2630, 0.3083
Android (android.graphics.Color)	4289128184 (0xFFA6E6F8)
YUV	212.9160, 17.2964, -41.1453
Hunter-Lab	84.5446, -19.2348, -10.5199

Details

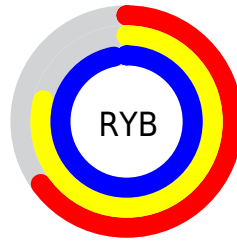
The XYZ color **60.9660, 71.4779, 99.3903** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.7360, 56.9916, 43.7722**, and the grayscale version is **63.1006, 66.3867, 72.2951**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **31.2060, 37.4574, 55.4544** is the 20% darker color. If you saturate the color by 10%, you get **54.7693, 66.0713, 98.6745**, and if you desaturate by 10%, it is **68.2167, 77.5016, 100.1721**.

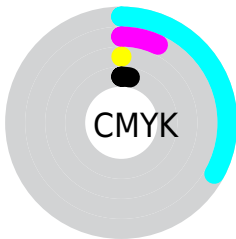
Distribution



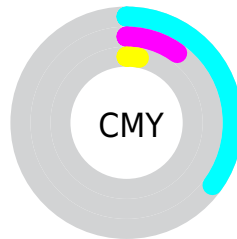
- Red (65%)
- Green (90%)
- Blue (97%)



- Red (65%)
- Yellow (79%)
- Blue (97%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9660, 71.4779, 99.3903 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 60.9660, 71.4779, 99.3903 by changing the saturation by 10% instead.

60.9660, 71.4779,
99.3903

60.9660, 71.4779,
99.3903

417.9272,
465.7223, 579.4661

44.4502, 52.7323,
75.1774

105.3281,
121.3140, 162.3636

31.2240, 37.5891,
55.2556

133.9051,
153.1732, 201.9611

20.9221, 25.6639,
39.2064

167.2331,
190.1724, 247.5239

13.1792, 16.5724,
26.6113

205.6776,
232.6960, 299.4706

7.6299, 9.9301,
17.0517

249.6039,
281.1284, 358.2195

3.9089, 5.3526,
10.1090

299.3774,

1.6507, 2.4556,

335.8540, 424.1894

5.3647

355.3634,
397.2572, 497.7988

■ 0.4251, 0.8543,
2.4004

■ 0.0000, 0.0000,
0.7866

■ 60.9660, 71.4779,
99.3903

■ 60.9660, 71.4779,
99.3903

■ 54.7693, 66.0713,
98.6745

■ 68.2167, 77.5016,
100.1721

■ 49.5619, 61.2425,
98.0169

■ 76.5686, 84.1620,
101.0175

■ 45.2818, 56.9607,
97.4161

■ 86.0736, 91.4884,
101.9306

■ 41.8570, 53.1882,
96.8684

■ 92.9240, 97.5184,
102.7335

■ 39.2043, 49.8813,
96.3699

■ 93.9435, 99.5574,
103.0733

■ 37.2228, 46.9875,
95.9158

■ 36.1394, 45.1691,
95.6219

Harmonies

Analogous

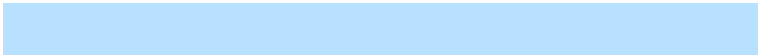
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6747, 71.4779, 84.8576



60.9660, 71.4779, 99.3903



65.1812, 71.4779, 108.7179

Triad

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



60.9660, 71.4779, 99.3903



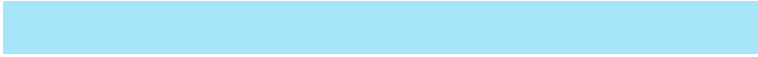
78.0068, 71.4779, 86.1081



65.5810, 71.4779, 53.1793

Complementary

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



60.9660, 71.4779, 99.3903



62.7360, 56.9916, 43.7722

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.



70.7706, 71.4779, 53.4239



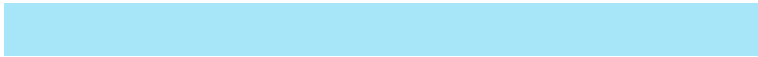
60.9660, 71.4779, 99.3903



78.1274, 71.4779, 71.1964

Square

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



60.9660, 71.4779, 99.3903



75.0999, 71.4779, 100.4060



75.4214, 71.4779, 59.6330



61.2458, 71.4779, 58.9158

Rectangle

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



60.9660, 71.4779, 99.3903



68.6002, 71.4779, 110.0702



75.4214, 71.4779, 59.6330



67.2793, 71.4779, 52.5897

Sweetspot

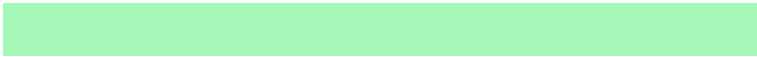
The Sweet Spot groups the original color and five complimentary colors.



60.9682, 71.4807, 99.3920



84.5233, 91.9612, 107.9032



57.9222, 78.6942, 57.3578



17.7965, 19.4541, 23.0670



0.0000, 0.0000, 0.0000



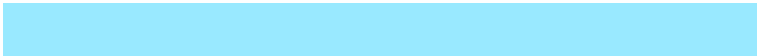
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9682, 71.4807, 99.3920



60.2162, 72.0509, 105.3412



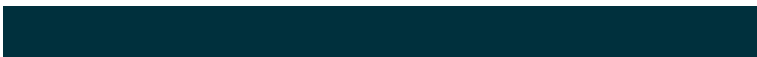
50.9187, 51.3819, 96.0421



17.4237, 18.9241, 22.1197



19.6305, 24.6166, 51.6904



1.8952, 2.4340, 4.8131

Inverse Universe

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



66.6324, 52.9440, 81.5732



67.2839, 49.9035, 82.8869



72.4580, 76.4356, 47.0129



17.8204, 17.4555, 20.9099



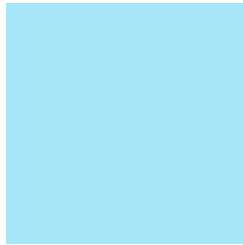
26.2006, 12.8960, 28.8285



2.4655, 1.2099, 2.8748

Previews

White Background



This preview shows how the XYZ color 60.9660, 71.4779, 99.3903 looks on a white background.

Color Contrast Check

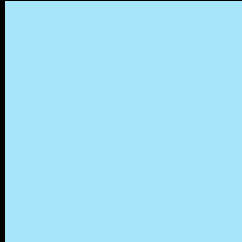
Large Text (above 18pt) WCAG AA × Fail

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 60.9660, 71.4779, 99.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

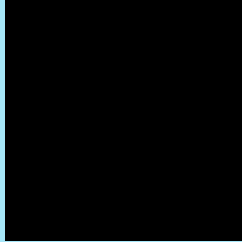
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9660, 71.4779, 99.3903

Background



This preview shows how black text looks on a background with the XYZ color 60.9660, 71.4779, 99.3903.

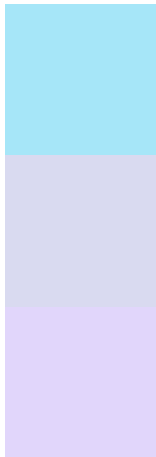


This preview shows how white text looks on a background with the XYZ color 60.9660, 71.4779,

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

60.9660, 71.4779, 99.3903

Protanopia

69.4149, 71.1858, 92.5198

Deuteranopia

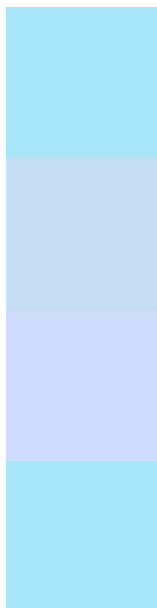
72.5105, 71.0657, 101.1621



Tritanopia

60.9660, 71.4779, 99.3903

Trichromacy



Original Color

60.9660, 71.4779, 99.3903

Protanomaly

65.5876, 70.7194, 94.9874

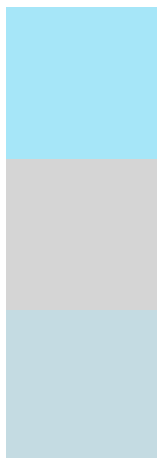
Deuteranomaly

67.7504, 70.9259, 100.5617

Tritanomaly

60.9660, 71.4779, 99.3903

Monochromacy



Original Color

60.9660, 71.4779, 99.3903

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8239, 67.8898, 81.7971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9660, 71.4779, 99.3903 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(166, 230, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 230, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.9660, 71.4779, 99.3903 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, 248) }
```


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

```
.border{ border-color:rgb(166, 230, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 230, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 230, 248);  
box-shadow:4px 4px 4px 4px rgb(166, 230,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9660, 71.4779, 99.3903 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, 248) }
```

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

```
.background{ background-color: rgb(166,  
230, 248) }
```

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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