

Converting Colors

XYZ(61.0042, 63.9264,
103.7315)

Have a look what the booklet for
XYZ(61.0042, 63.9264, 103.7315)
contains.

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Color

**XYZ(61.1114, 63.9989,
103.7398)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D3FF
RGB	184, 211, 255
RGB Percent	72%, 83%, 100%
CMY	0.2784, 0.1725, 0.0000
CMYK	0.28, 0.17, 0.00, 0.00
HSL	217°, 100%, 86%
HSV	217°, 28%, 100%
XYZ	61.1114, 63.9989, 103.7398
YIQ	207.9430, -30.2160, 7.9600

Conversions

Conversions Part 2

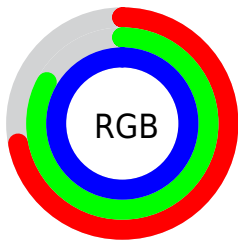
Format	Color
RYB	184, 204, 255
Decimal	12112895
CIELab	83.97, 0.67, -24.45
CIElCh	84, 24.455, 271.560
Yxy	63.9989, 0.2670, 0.2797
Android (android.graphics.Color)	4290302975 (0xFFB8D3FF)
YUV	207.9430, 23.1991, -20.9980
Hunter-Lab	79.9993, -3.6428, -20.8853

Details

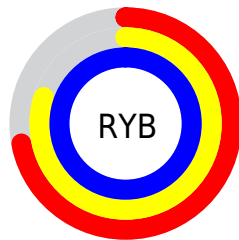
The XYZ color **61.1114, 63.9989, 103.7398** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.6352, 80.2070, 56.7388**, and the grayscale version is **59.7873, 62.9009, 68.4991**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.3033, 32.8583, 58.1185** is the 20% darker color. If you saturate the color by 10%, you get **51.8102, 53.6611, 102.2347**, and if you desaturate by 10%, it is **71.9032, 75.6810, 105.4259**.

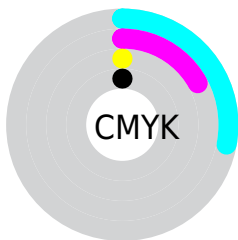
Distribution



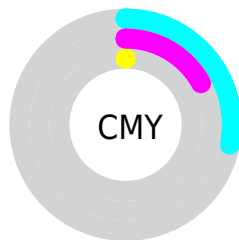
- Red (72%)
- Green (83%)
- Blue (100%)



- Red (72%)
- Yellow (80%)
- Blue (100%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1114, 63.9989, 103.7398 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 61.1114, 63.9989, 103.7398 by changing the saturation by 10% instead.

■ 61.1114, 63.9989,
103.7398

■ 61.1114, 63.9989,
103.7398

418.4517,
439.1857, 593.4662

■ 44.5680, 46.6498,
78.7932

■ 105.5374,
110.6094, 168.3836

■ 31.3171, 32.7589,
58.2055

134.1507,
140.6395, 208.9180

■ 20.9934, 21.9418,
41.5581

167.5180,
175.6654, 255.4854

■ 13.2316, 13.8141,
28.4324

206.0046,
216.0715, 308.5043

■ 7.6663, 7.9915,
18.4100

249.9760,
262.2422, 368.3933

■ 3.9322, 4.0895,
11.0723

299.7973,

■ 1.6638, 1.7238,

314.5618, 435.5709

6.0007

355.8342,
373.4149, 510.4557

■ 0.4335, 0.4390,
2.7767

■ 0.0000, 0.0000,
0.9818

■ 61.1114, 63.9989,
103.7398

■ 61.1114, 63.9989,
103.7398

■ 51.8102, 53.6611,
102.2347

■ 71.9032, 75.6810,
105.4259

■ 43.9238, 44.6077,
100.9029

■ 84.2454, 88.7496,
107.2979

■ 37.3777, 36.7844,
99.7378

95.0500, 100.0000,
108.9000

■ 32.0879, 30.1299,
98.7322

■ 27.9596, 24.5763,
97.8778

■ 24.8827, 20.0465,
97.1656

■ 22.7136, 16.4449,
96.5848

■ 22.3229, 15.7657,
96.4743

Harmonies

Analogous

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



56.0286, 63.9989, 99.1560



61.1114, 63.9989, 103.7398



66.4125, 63.9989, 98.1381

Triad

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



61.1114, 63.9989, 103.7398



70.0881, 63.9989, 55.2834



52.1687, 63.9989, 56.4906

Complementary

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



61.1114, 63.9989, 103.7398



77.6352, 80.2070, 56.7388

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.



55.5676, 63.9989, 47.3415



61.1114, 63.9989, 103.7398



65.8961, 63.9989, 46.7203

Square

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



61.1114, 63.9989, 103.7398



71.7809, 63.9989, 68.8796



60.5475, 63.9989, 44.0394



51.0519, 63.9989, 70.4945

Rectangle

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



61.1114, 63.9989, 103.7398



69.3074, 63.9989, 89.7995



60.5475, 63.9989, 44.0394



53.0719, 63.9989, 52.8218

Sweetspot

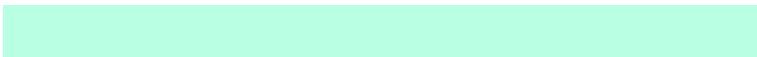
The Sweet Spot groups the original color and five complimentary colors.



61.1132, 64.0014, 103.7402



84.0379, 88.5320, 107.2668



69.5016, 87.3002, 86.4296



17.5692, 18.5100, 22.8967



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.



61.1132, 64.0014, 103.7402



56.1333, 58.5038, 102.9416



57.0019, 52.7461, 101.7844



17.5692, 18.5100, 22.8967



11.7967, 8.5030, 50.4541



1.2500, 1.0307, 4.9463

Inverse Universe

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



70.1395, 60.2456, 69.5626



66.5366, 54.6340, 63.4469



82.6701, 94.7036, 59.2716



18.2952, 18.1014, 20.1716



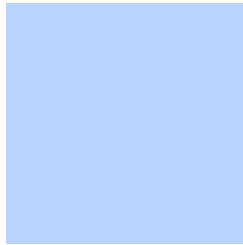
22.7426, 11.5863, 7.2951



2.2656, 1.1486, 0.9799

Previews

White Background



This preview shows how the XYZ color 61.1114, 63.9989, 103.7398 looks on a white background.

Color Contrast Check

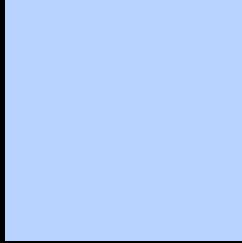
Large Text (above 18pt) WCAG AA × Fail

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 61.1114, 63.9989, 103.7398 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

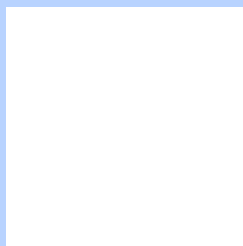
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1114, 63.9989, 103.7398

Background



This preview shows how black text looks on a background with the XYZ color 61.1114, 63.9989, 103.7398.



This preview shows how white text looks on a background with the XYZ color 61.1114, 63.9989,

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

61.1114, 63.9989, 103.7398

Protanopia

63.4367, 63.7960, 101.0659

Deuteranopia

65.3349, 64.0045, 103.5183



Tritanopia

57.4563, 64.0108, 85.6710

Trichromacy



Original Color

61.1114, 63.9989, 103.7398

Protanomaly

62.5336, 63.6729, 101.9227

Deuteranomaly

63.6515, 63.8514, 103.5775

Tritanomaly

58.8308, 64.2082, 91.7308

Monochromacy



Original Color

61.1114, 63.9989, 103.7398

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9443, 63.1793, 80.2696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1114, 63.9989, 103.7398 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(184, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 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(184, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1114, 63.9989, 103.7398 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(184, 211, 255) }
```


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

```
.border{ border-color:rgb(184, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1114, 63.9989, 103.7398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 211, 255) }
```

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

```
.background{ background-color: rgb(184,  
211, 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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