

Converting Colors

XYZ(61.9330, 59.9395,
102.9130)

Have a look what the booklet for
XYZ(61.9330, 59.9395, 102.9130)
contains.

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Color

**XYZ(61.7973, 59.7503,
102.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6FF
RGB	199, 198, 255
RGB Percent	78%, 78%, 100%
CMY	0.2196, 0.2235, 0.0000
CMYK	0.22, 0.22, 0.00, 0.00
HSL	241°, 100%, 89%
HSV	241°, 22%, 100%
XYZ	61.7973, 59.7503, 102.8836
YIQ	204.7970, -17.7010, 17.9390

Conversions

Conversions Part 2

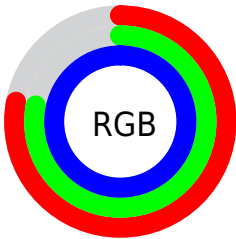
Format	Color
R _Y B	199, 198, 255
Decimal	13092607
CIE _{Lab}	81.70, 12.03, -27.80
CIE _{LCh}	82, 30.295, 293.393
Yxy	59.7503, 0.2754, 0.2662
Android (android.graphics.Color)	4291282687 (0xFFC7C6FF)
YUV	204.7970, 24.7501, -5.0840
Hunter-Lab	77.2983, 7.4324, -24.8058

Details

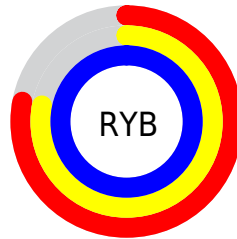
The XYZ color **61.7973, 59.7503, 102.8836** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8271, 96.6685, 67.5113**, and the grayscale version is **57.7567, 60.7646, 66.1726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6679, 29.9530, 57.5385** is the 20% darker color. If you saturate the color by 10%, you get **50.3431, 45.9103, 100.8159**, and if you desaturate by 10%, it is **75.3305, 76.1215, 105.3303**.

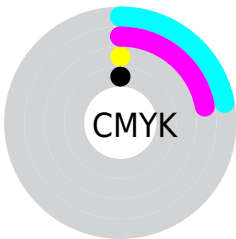
Distribution



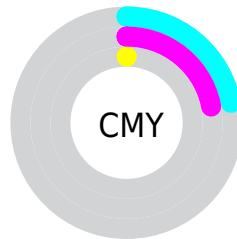
- Red (78%)
- Green (78%)
- Blue (100%)



- Red (78%)
- Yellow (78%)
- Blue (100%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7973, 59.7503, 102.8836 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 61.7973, 59.7503, 102.8836 by changing the saturation by 10% instead.

■ 61.7973, 59.7503,
102.8836

■ 61.7973, 59.7503,
102.8836

420.9207,
423.6768, 590.7242

■ 45.1239, 43.2174,
78.0807

106.5241,
104.4674, 167.2006

■ 31.7567, 30.0557,
57.6234

135.3082,
133.4203, 207.5518

■ 21.3304, 19.8809,
41.0933

168.8600,
167.2821, 253.9228

■ 13.4796, 12.3085,
28.0717

207.5448,
206.4370, 306.7322

■ 7.8389, 6.9541,
18.1402

251.7278,
251.2696, 366.3985

■ 4.0430, 3.4334,
10.8802

301.7746,

■ 1.7265, 1.3620,

302.1641, 433.3402

5.8732

358.0504,
359.5051, 507.9759

■ 0.4727, 0.1885,
2.7006

■ 0.0000, 0.0000,
0.9437

■ 61.7973, 59.7503,
102.8836

■ 61.7973, 59.7503,
102.8836

■ 50.3431, 45.9103,
100.8159

■ 75.3305, 76.1215,
105.3303

■ 40.8600, 34.4686,
99.1073

■ 91.0329, 95.1338,
108.1725

■ 33.2384, 25.2911,
97.7376

95.0500, 100.0000,
108.9000

■ 27.3560, 18.2274,
96.6842

■ 23.0757, 13.1091,
95.9218

■ 20.2400, 9.7422,
95.4214

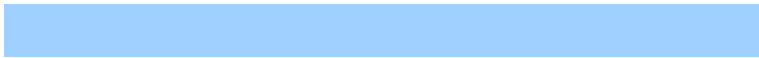
■ 18.6595, 7.8927,
95.1477

■ 18.1059, 7.2488,
95.0526

Harmonies

Analogous

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



55.3923, 59.7503, 106.5255



61.7973, 59.7503, 102.8836



67.2085, 59.7503, 88.3143

Triad

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



61.7973, 59.7503, 102.8836



64.4175, 59.7503, 40.7531



45.4654, 59.7503, 61.1022

Complementary

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



61.7973, 59.7503, 102.8836



86.8271, 96.6685, 67.5113

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.



47.5095, 59.7503, 46.2911



61.7973, 59.7503, 102.8836



58.2128, 59.7503, 36.0484

Square

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



61.7973, 59.7503, 102.8836



68.7987, 59.7503, 52.0931



52.0624, 59.7503, 37.8673



46.2685, 59.7503, 80.0129

Rectangle

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



61.7973, 59.7503, 102.8836



69.3641, 59.7503, 75.6144



52.0624, 59.7503, 37.8673



45.8370, 59.7503, 55.5327

Sweetspot

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



61.7990, 59.7526, 102.8840



83.4574, 85.9596, 106.8009



76.7975, 90.1418, 107.9592



17.6604, 18.1531, 22.8231



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.



61.7990, 59.7526, 102.8840



56.2214, 53.0109, 101.8767



70.0664, 64.0146, 103.2709



17.0324, 17.3929, 22.7094



9.4735, 3.7942, 49.6676



0.9323, 0.3745, 4.8364

Inverse Universe

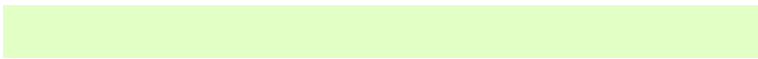
The Inverse Universe completely reimagines the original color for something new.



79.3247, 68.8060, 102.8670



76.6869, 63.5836, 101.8237



77.1773, 91.6939, 67.0597



18.7781, 18.2946, 22.7148



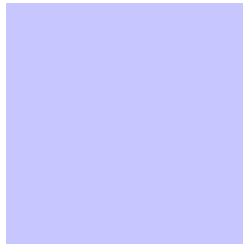
30.6150, 14.7353, 48.7504



2.9851, 1.4364, 4.7689

Previews

White Background



This preview shows how the XYZ color 61.7973, 59.7503, 102.8836 looks on a white background.

Color Contrast Check

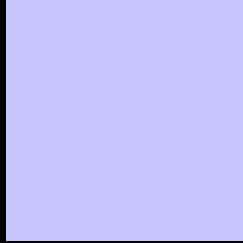
Large Text (above 18pt) WCAG AA × Fail

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 61.7973, 59.7503, 102.8836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

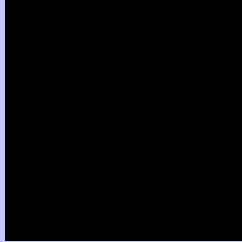
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7973, 59.7503, 102.8836

Background



This preview shows how black text looks on a background with the XYZ color 61.7973, 59.7503, 102.8836.



This preview shows how white text looks on a background with the XYZ color 61.7973, 59.7503,

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

61.7973, 59.7503, 102.8836

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.2384, 59.8026, 102.9232



Tritanopia

56.5035, 59.6905, 76.2535

Trichromacy



Original Color

61.7973, 59.7503, 102.8836

Protanomaly

60.6966, 59.8660, 102.9640

Deuteranomaly

61.4994, 59.9372, 102.9354

Tritanomaly

58.3342, 59.7264, 85.5446

Monochromacy



Original Color

61.7973, 59.7503, 102.8836

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.0684, 60.2653, 78.3312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7973, 59.7503, 102.8836 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(199, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 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(199, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7973, 59.7503, 102.8836 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(199, 198, 255) }
```


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

```
.border{ border-color:rgb(199, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7973, 59.7503, 102.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 255) }
```

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

```
.background{ background-color: rgb(199,  
198, 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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