

Converting Colors

XYZ(60.8979, 58.8489,
102.7570)

Have a look what the booklet for
XYZ(60.8979, 58.8489, 102.7570)
contains.

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Color

**XYZ(61.0422, 59.0228,
102.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5FF
RGB	197, 197, 255
RGB Percent	77%, 77%, 100%
CMY	0.2274, 0.2274, 0.0000
CMYK	0.23, 0.23, 0.00, 0.00
HSL	240°, 100%, 89%
HSV	240°, 23%, 100%
XYZ	61.0422, 59.0228, 102.7830
YIQ	203.6120, -18.6180, 18.0380

Conversions

Conversions Part 2

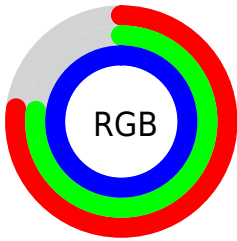
Format	Color
RYB	197, 197, 255
Decimal	12961279
CIELab	81.30, 11.97, -28.43
CIElCh	81, 30.846, 292.840
Yxy	59.0228, 0.2739, 0.2649
Android (android.graphics.Color)	4291151359 (0xFFC5C5FF)
YUV	203.6120, 25.3343, -5.7987
Hunter-Lab	76.8263, 7.3808, -25.5434

Details

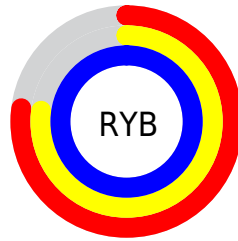
The XYZ color **61.0422, 59.0228, 102.7830** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0780, 96.8106, 66.9219**, and the grayscale version is **57.0050, 59.9737, 65.3113**.

A 20% lighter version of the original color is **94.3649, 99.1745, 108.7768**, and **31.1708, 29.4729, 57.4720** is the 20% darker color. If you saturate the color by 10%, you get **49.6128, 45.2514, 100.7273**, and if you desaturate by 10%, it is **74.5837, 75.3396, 105.2188**.

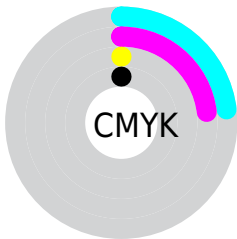
Distribution



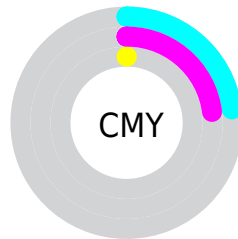
- Red (77%)
- Green (77%)
- Blue (100%)



- Red (77%)
- Yellow (77%)
- Blue (100%)



- Cyan (23%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0422, 59.0228, 102.7830 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 61.0422, 59.0228, 102.7830 by changing the saturation by 10% instead.

■ 61.0422, 59.0228,
102.7830

■ 61.0422, 59.0228,
102.7830

418.2022,
420.9864, 590.4016

■ 44.5119, 42.6315,
77.9970

105.4378,
103.4108, 167.0616

■ 31.2728, 29.5961,
57.5551

134.0338,
132.1763, 207.3912

■ 20.9595, 19.5322,
41.0387

167.3824,
165.8352, 253.7391

■ 13.2067, 12.0555,
28.0294

205.8490,
204.7721, 306.5238

■ 7.6490, 6.7815,
18.1086

249.7989,
249.3712, 366.1638

■ 3.9211, 3.3258,
10.8577

299.5975,

■ 1.6576, 1.3041,

300.0171, 433.0778

5.8583

355.6101,
357.0940, 507.6842

■ 0.4295, 0.1444,
2.6917

■ 0.0000, 0.0000,
0.9392

■ 61.0422, 59.0228,
102.7830

■ 61.0422, 59.0228,
102.7830

■ 49.6128, 45.2514,
100.7273

■ 74.5837, 75.3396,
105.2188

■ 40.1843, 33.8906,
99.0313

■ 90.3308, 94.3137,
108.0512

■ 32.6431, 24.8040,
97.6749

95.0500, 100.0000,
108.9000

■ 26.8624, 17.8386,
96.6351

■ 22.6995, 12.8225,
95.8863

■ 19.9898, 9.5575,
95.3989

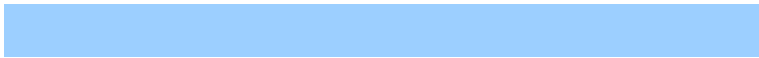
■ 18.5336, 7.8028,
95.1370

■ 18.0501, 7.2201,
95.0500

Harmonies

Analogous

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



54.5707, 59.0228, 106.2440



61.0422, 59.0228, 102.7830



66.5531, 59.0228, 88.1444

Triad

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



61.0422, 59.0228, 102.7830



63.9131, 59.0228, 39.9528



44.6928, 59.0228, 59.9477

Complementary

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



61.0422, 59.0228, 102.7830



87.0780, 96.8106, 66.9219

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.



46.8021, 59.0228, 45.1434



61.0422, 59.0228, 102.7830



57.6564, 59.0228, 35.1202

Square

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



61.0422, 59.0228, 102.7830



68.2971, 59.0228, 51.4651



51.4309, 59.0228, 36.8199



45.4481, 59.0228, 79.0304

Rectangle

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



61.0422, 59.0228, 102.7830



68.7764, 59.0228, 75.3024



51.4309, 59.0228, 36.8199



45.0845, 59.0228, 54.3640

Sweetspot

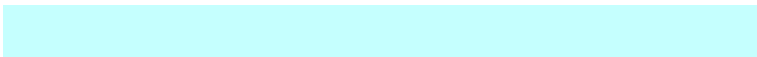
The Sweet Spot groups the original color and five complimentary colors.



61.0439, 59.0251, 102.7834



83.3529, 85.9058, 106.7961



76.6815, 90.5486, 107.2300



17.6363, 18.1408, 22.8219



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.



61.0439, 59.0251, 102.7834



55.9270, 52.8596, 101.8630



69.0791, 63.1670, 103.1593



17.0031, 17.3779, 22.7081



9.4316, 3.7727, 49.6657



0.9183, 0.3674, 4.8358

Inverse Universe

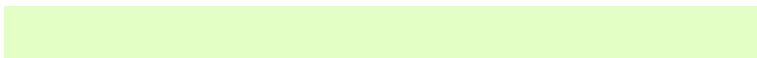
The Inverse Universe completely reimagines the original color for something new.



71.2854, 65.2252, 61.6584



67.7096, 59.9927, 54.5499



77.5069, 91.8771, 66.4741



18.0095, 17.9871, 18.6671



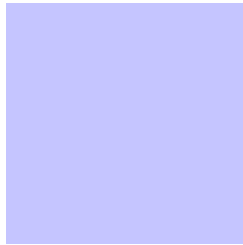
21.5488, 11.1088, 1.0086



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 61.0422, 59.0228, 102.7830 looks on a white background.

Color Contrast Check

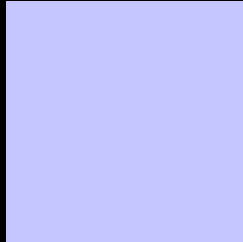
Large Text (above 18pt) WCAG AA × Fail

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 61.0422, 59.0228, 102.7830 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 61.0422, 59.0228, 102.7830

Background



This preview shows how black text looks on a background with the XYZ color 61.0422, 59.0228, 102.7830.

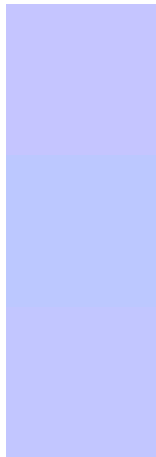


This preview shows how white text looks on a background with the XYZ color 61.0422, 59.0228,

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

61.0422, 59.0228, 102.7830

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

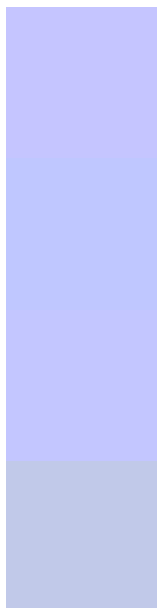
60.4922, 59.0775, 102.8226



Tritanopia

55.5094, 58.8263, 76.1391

Trichromacy



Original Color

61.0422, 59.0228, 102.7830

Protanomaly

59.9593, 59.1432, 102.8633

Deuteranomaly

60.7498, 59.2103, 102.8346

Tritanomaly

57.5869, 58.9939, 85.4426

Monochromacy



Original Color

61.0422, 59.0228, 102.7830

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2933, 59.5185, 78.2279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0422, 59.0228, 102.7830 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(197, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 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(197, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0422, 59.0228, 102.7830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

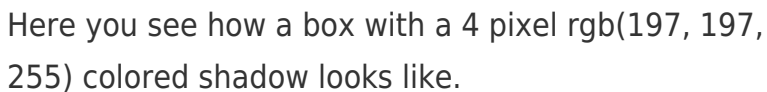
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 197, 255) }
```


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

```
.border{ border-color:rgb(197, 197, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 197, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 197, 255); box-shadow:4px 4px 4px 4px rgb(197, 197, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0422, 59.0228, 102.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 255) }
```

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

```
.background{ background-color: rgb(197,  
197, 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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