

Converting Colors

XYZ(61.6210, 59.7843,
102.3702)

Have a look what the booklet for
XYZ(61.6210, 59.7843, 102.3702)
contains.

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Color

**XYZ(61.3722, 59.5497,
102.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6FE
RGB	198, 198, 254
RGB Percent	78%, 78%, 100%
CMY	0.2235, 0.2235, 0.0039
CMYK	0.22, 0.22, 0.00, 0.00
HSL	240°, 97%, 89%
HSV	240°, 22%, 100%
XYZ	61.3722, 59.5497, 102.0255
YIQ	204.3840, -17.9760, 17.4160

Conversions

Conversions Part 2

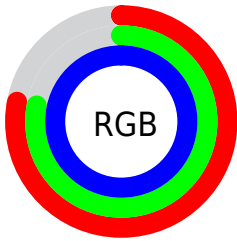
Format	Color
RYB	198, 198, 254
Decimal	13027070
CIELab	81.59, 11.50, -27.45
CIElCh	82, 29.760, 292.742
Yxy	59.5497, 0.2753, 0.2671
Android (android.graphics.Color)	4291217150 (0xFFC6C6FE)
YUV	204.3840, 24.4607, -5.5988
Hunter-Lab	77.1685, 6.9166, -24.3702

Details

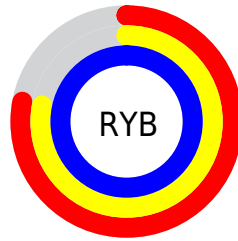
The XYZ color **61.3722, 59.5497, 102.0255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5086, 96.0320, 67.4044**, and the grayscale version is **57.4971, 60.4915, 65.8752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3790, 29.8174, 56.9248** is the 20% darker color. If you saturate the color by 10%, you get **49.9033, 45.7306, 99.9636**, and if you desaturate by 10%, it is **74.9410, 75.8993, 104.4671**.

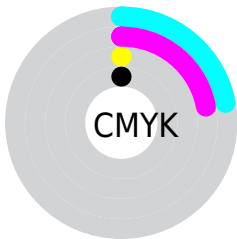
Distribution



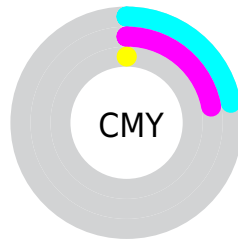
- Red (78%)
- Green (78%)
- Blue (100%)



- 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 61.3722, 59.5497, 102.0255 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 61.3722, 59.5497, 102.0255 by changing the saturation by 10% instead.

■ 61.3722, 59.5497,
102.0255

■ 61.3722, 59.5497,
102.0255

419.3915,
422.9360, 587.9693

■ 44.7793, 43.0558,
77.3669

105.9127,
104.1762, 166.0140

■ 31.4842, 29.9289,
57.0407

134.5911,
133.0775, 206.1810

■ 21.1214, 19.7846,
40.6283

168.0286,
166.8835, 252.3545

■ 13.3258, 12.2386,
27.7113

206.5907,
205.9784, 304.9532

■ 7.7318, 6.9064,
17.8710

250.6426,
250.7467, 364.3954

■ 3.9742, 3.4036,
10.6889

300.5499,

■ 1.6875, 1.3459,

301.5728, 431.0998

5.7465

356.6777,
358.8411, 505.4849

■ 0.4484, 0.1763,
2.6253

■ 0.0000, 0.0000,
0.9055

■ 61.3722, 59.5497,
102.0255

■ 61.3722, 59.5497,
102.0255

■ 49.9033, 45.7306,
99.9636

■ 74.9410, 75.8993,
104.4671

■ 40.4242, 34.3089,
98.2586

■ 90.7013, 94.8893,
107.3019

■ 32.8234, 25.1504,
96.8914

94.8896, 99.9358,
108.0552

■ 26.9759, 18.1046,
95.8397

■ 22.7419, 13.0028,
95.0781

■ 19.9602, 9.6509,
94.5777

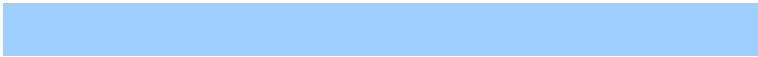
■ 18.4360, 7.8143,
94.3035

■ 17.8896, 7.1560,
94.2053

Harmonies

Analogous

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



55.0960, 59.5497, 105.3054



61.3722, 59.5497, 102.0255



66.7098, 59.5497, 87.9777

Triad

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



61.3722, 59.5497, 102.0255



64.1888, 59.5497, 41.1309



45.5004, 59.5497, 60.5892

Complementary

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



61.3722, 59.5497, 102.0255



86.5086, 96.0320, 67.4044

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.



47.5673, 59.5497, 46.1617



61.3722, 59.5497, 102.0255



58.1316, 59.5497, 36.3490

Square

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



61.3722, 59.5497, 102.0255



68.4177, 59.5497, 52.4285



52.0822, 59.5497, 38.0045



46.2285, 59.5497, 79.0691

Rectangle

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



61.3722, 59.5497, 102.0255



68.8646, 59.5497, 75.5914



52.0822, 59.5497, 38.0045



45.8859, 59.5497, 55.1587

Sweetspot

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



61.3741, 59.5521, 102.0269



83.3529, 85.9059, 106.7961



76.4721, 89.9867, 106.3239



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.



61.3741, 59.5521, 102.0269



57.0954, 54.2674, 102.0731



69.1571, 63.5640, 102.3910



17.0031, 17.3779, 22.7081



9.4316, 3.7727, 49.6657



0.9183, 0.3674, 4.8358

Inverse Universe

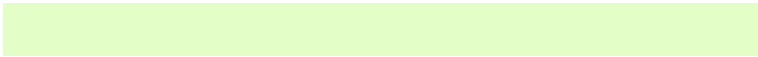
The Inverse Universe completely reimagines the original color for something new.



71.2618, 65.5380, 62.3228



68.5261, 61.1874, 56.1731



77.2937, 91.2821, 66.9733



18.0095, 17.9871, 18.6671



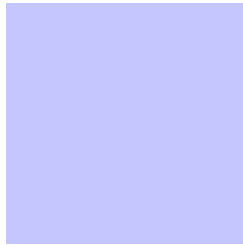
21.5488, 11.1088, 1.0086



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 61.3722, 59.5497, 102.0255 looks on a white background.

Color Contrast Check

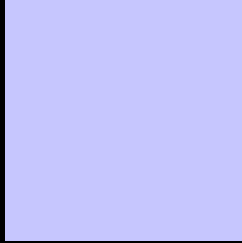
Large Text (above 18pt) WCAG AA × Fail

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 61.3722, 59.5497, 102.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

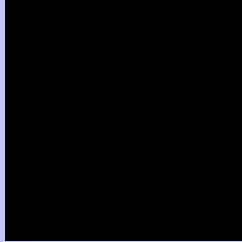
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3722, 59.5497, 102.0255

Background



This preview shows how black text looks on a background with the XYZ color 61.3722, 59.5497, 102.0255.

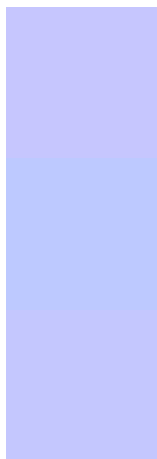


This preview shows how white text looks on a background with the XYZ color 61.3722, 59.5497,

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

61.3722, 59.5497, 102.0255

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.0778, 59.7384, 102.0774



Tritanopia

56.2494, 59.5595, 76.2416

Trichromacy



Original Color

61.3722, 59.5497, 102.0255

Protanomaly

60.4425, 59.7350, 102.9521

Deuteranomaly

61.3388, 59.8729, 102.0897

Tritanomaly

57.9342, 59.5366, 84.7822

Monochromacy



Original Color

61.3722, 59.5497, 102.0255

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6625, 60.0715, 77.6104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3722, 59.5497, 102.0255 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(198, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 254)  
}
```

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(198, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.3722, 59.5497, 102.0255 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(198, 198, 254) }
```


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

```
.border{ border-color:rgb(198, 198, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 254);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3722, 59.5497, 102.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 254) }
```

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

```
.background{ background-color: rgb(198,  
198, 254) }
```

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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