

Converting Colors

XYZ(62.1462, 61.0908,
103.1240)

Have a look what the booklet for
XYZ(62.1462, 61.0908, 103.1240)
contains.

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Color

**XYZ(61.9626, 60.8636,
103.0898)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C9FF
RGB	197, 201, 255
RGB Percent	77%, 79%, 100%
CMY	0.2274, 0.2117, 0.0000
CMYK	0.23, 0.21, 0.00, 0.00
HSL	236°, 100%, 89%
HSV	236°, 23%, 100%
XYZ	61.9626, 60.8636, 103.0898
YIQ	205.9600, -19.7180, 15.9460

Conversions

Conversions Part 2

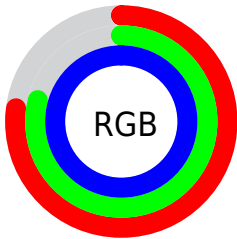
Format	Color
RYB	197, 201, 255
Decimal	12962303
CIELab	82.31, 9.81, -26.90
CIELCh	82, 28.631, 290.047
Yxy	60.8636, 0.2743, 0.2694
Android (android.graphics.Color)	4291152383 (0xFFC5C9FF)
YUV	205.9600, 24.1767, -7.8579
Hunter-Lab	78.0151, 5.2451, -23.7357

Details

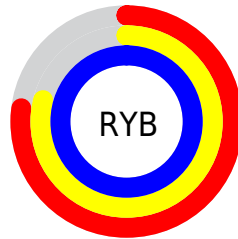
The XYZ color **61.9626, 60.8636, 103.0898** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8152, 94.2849, 66.5009**, and the grayscale version is **58.5014, 61.5480, 67.0258**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.7821, 30.6954, 57.6758** is the 20% darker color. If you saturate the color by 10%, you get **50.7286, 47.4830, 101.0992**, and if you desaturate by 10%, it is **75.1848, 76.5418, 105.4191**.

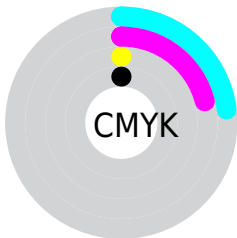
Distribution



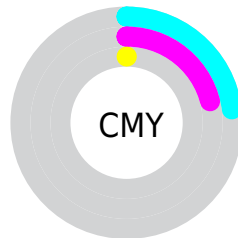
- Red (77%)
- Green (79%)
- Blue (100%)



- Red (77%)
- Yellow (79%)
- Blue (100%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9626, 60.8636, 103.0898 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 61.9626, 60.8636, 103.0898 by changing the saturation by 10% instead.

■ 61.9626, 60.8636,
103.0898

■ 61.9626, 60.8636,
103.0898

421.5144,
427.7737, 591.3852

■ 45.2580, 44.1151,
78.2522

106.7617,
106.0814, 167.4856

■ 31.8628, 30.7610,
57.7635

135.5869,
135.3195, 207.8810

■ 21.4118, 20.4169,
41.2051

169.1830,
169.4896, 254.2993

■ 13.5395, 12.6985,
28.1585

207.9154,
208.9761, 307.1592

■ 7.8806, 7.2212,
18.2051

252.1493,
254.1633, 366.8792

■ 4.0698, 3.6008,
10.9264

302.2502,

■ 1.7417, 1.4529,

305.4358, 433.8778

5.9038

358.5835,
363.1778, 508.5736

■ 0.4822, 0.2552,
2.7188

■ 0.0000, 0.0000,
0.9529

■ 61.9626, 60.8636,
103.0898

■ 61.9626, 60.8636,
103.0898

■ 50.7286, 47.4830,
101.0992

■ 75.1848, 76.5418,
105.4191

■ 41.3816, 36.2852,
99.4304

■ 90.4794, 94.6108,
108.1007

■ 33.8193, 27.1565,
98.0670

95.0500, 100.0000,
108.9000

■ 27.9279, 19.9697,
96.9903

■ 23.5801, 14.5837,
96.1799

■ 20.6303, 10.8384,
95.6124

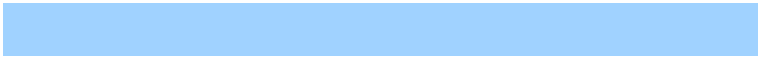
■ 18.9047, 8.5450,
95.2607

■ 18.2598, 7.6395,
95.1199

Harmonies

Analogous

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



55.8459, 60.8636, 105.1568



61.9626, 60.8636, 103.0898



67.3118, 60.8636, 90.2597

Triad

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



61.9626, 60.8636, 103.0898



65.7106, 60.8636, 43.7157



47.0508, 60.8636, 60.6336

Complementary

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



61.9626, 60.8636, 103.0898



85.8152, 94.2849, 66.5009

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.



49.3175, 60.8636, 46.9591



61.9626, 60.8636, 103.0898



59.8995, 60.8636, 38.3904

Square

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



61.9626, 60.8636, 103.0898



69.5789, 60.8636, 55.4116



53.9217, 60.8636, 39.4631



47.5176, 60.8636, 78.4619

Rectangle

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



61.9626, 60.8636, 103.0898



69.5864, 60.8636, 78.4035



53.9217, 60.8636, 39.4631



47.5118, 60.8636, 55.4579

Sweetspot

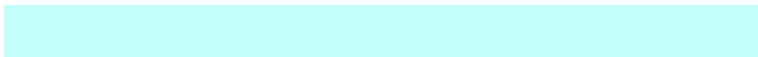
The Sweet Spot groups the original color and five complimentary colors.



61.9644, 60.8660, 103.0902



83.7109, 86.6218, 106.9154



76.0682, 90.3033, 104.0008



17.7188, 18.3058, 22.8494



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.



61.9644, 60.8660, 103.0902



56.9452, 54.8959, 102.2024



67.8870, 62.5524, 103.1035



17.1036, 17.5789, 22.7415



9.5779, 4.0655, 49.7145



0.9661, 0.4628, 4.8517

Inverse Universe

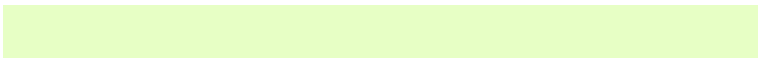
The Inverse Universe completely reimagines the original color for something new.



71.7500, 65.4111, 64.1049



68.2235, 60.1982, 57.2562



78.7400, 92.5128, 66.5318



18.0602, 18.0074, 18.9342



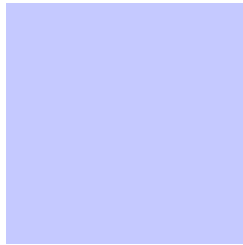
21.6227, 11.1384, 1.3977



2.1222, 1.0913, 0.2251

Previews

White Background



This preview shows how the XYZ color 61.9626, 60.8636, 103.0898 looks on a white background.

Color Contrast Check

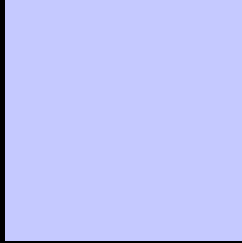
Large Text (above 18pt) WCAG AA × Fail

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 61.9626, 60.8636, 103.0898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

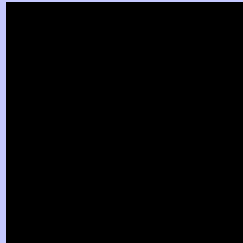
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9626, 60.8636, 103.0898

Background



This preview shows how black text looks on a background with the XYZ color 61.9626, 60.8636, 103.0898.

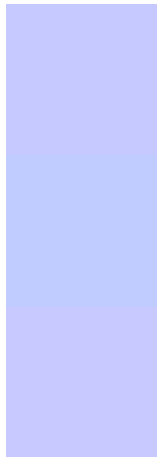


This preview shows how white text looks on a background with the XYZ color 61.9626, 60.8636,

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

61.9626, 60.8636, 103.0898

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

57.1180, 61.0297, 78.5815

Trichromacy



Original Color

61.9626, 60.8636, 103.0898

Protanomaly

61.4187, 60.9304, 103.1314

Deuteranomaly

62.2253, 60.9991, 103.1021

Tritanomaly

58.8190, 60.9983, 87.2710

Monochromacy



Original Color

61.9626, 60.8636, 103.0898

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6760, 61.2641, 79.2009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9626, 60.8636, 103.0898 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9626, 60.8636, 103.0898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

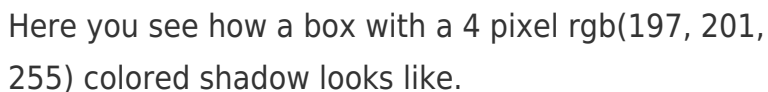
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 201, 255) }
```


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

```
.border{ border-color:rgb(197, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9626, 60.8636, 103.0898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 255) }
```

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

```
.background{ background-color: rgb(197,  
201, 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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