

Converting Colors

XYZ(62.3567, 61.0537, 99.5091)

Have a look what the booklet for
XYZ(62.3567, 61.0537, 99.5091)
contains.

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Color

**XYZ(62.3866, 61.1558,
99.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9FB
RGB	201, 201, 251
RGB Percent	79%, 79%, 98%
CMY	0.2118, 0.2117, 0.0157
CMYK	0.20, 0.20, 0.00, 0.02
HSL	240°, 86%, 89%
HSV	240°, 20%, 98%
XYZ	62.3866, 61.1558, 99.7829
YIQ	206.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

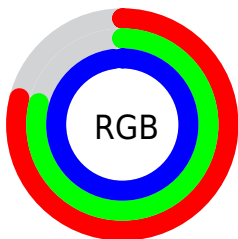
Format	Color
R _Y B	201, 201, 251
Decimal	13224443
CIE Lab	82.46, 10.12, -24.50
CIE LCh	82, 26.512, 292.450
Yxy	61.1558, 0.2794, 0.2738
Android (android.graphics.Color)	4291414523 (0xFFC9C9FB)
YUV	206.7000, 21.8399, -4.9989
Hunter-Lab	78.2022, 5.5464, -20.9102

Details

The XYZ color **62.3866, 61.1558, 99.7829** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8241, 93.7207, 68.8792**, and the grayscale version is **58.9882, 62.0602, 67.5835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0254, 30.8735, 55.3102** is the 20% darker color. If you saturate the color by 10%, you get **50.8020, 47.1973, 97.7002**, and if you desaturate by 10%, it is **76.0336, 77.5996, 102.2386**.

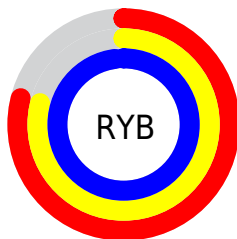
Distribution



Red (79%)

Green (79%)

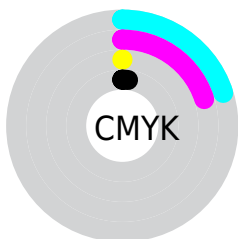
Blue (98%)



Red (79%)

Yellow (79%)

Blue (98%)

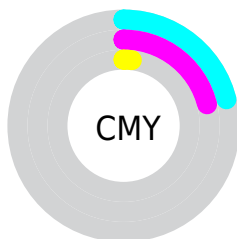


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3866, 61.1558, 99.7829 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 62.3866, 61.1558, 99.7829 by changing the saturation by 10% instead.

■ 62.3866, 61.1558,
99.7829

■ 62.3866, 61.1558,
99.7829

423.0350,
428.8450, 580.7371

■ 45.6019, 44.3509,
75.5034

107.3709,
106.5045, 162.9081

■ 32.1351, 30.9465,
55.5212

136.3012,
135.8171, 202.5908

■ 21.6208, 20.5581,
39.4177

170.0108,
170.0677, 248.2450

■ 13.6935, 12.8014,
26.7745

208.8650,
209.6408, 300.2892

■ 7.9881, 7.2919,
17.1730

253.2291,
254.9206, 359.1420

■ 4.1391, 3.6453,
10.1947

303.4686,

■ 1.7811, 1.4772,

306.2917, 425.2219

5.4209

359.9488,
364.1384, 498.9474

■ 0.5063, 0.2726,
2.4333

■ 0.0000, 0.0000,
0.8045

■ 62.3866, 61.1558,
99.7829

■ 62.3866, 61.1558,
99.7829

■ 50.8020, 47.1973,
97.7002

■ 76.0336, 77.5996,
102.2386

■ 41.1740, 35.5963,
95.9684

■ 91.8302, 96.6332,
105.0799

■ 33.3965, 26.2249,
94.5695

■ 94.4128, 99.7451,
105.5444

■ 27.3508, 18.9402,
93.4821

■ 22.9045, 13.5826,
92.6823

■ 19.9062, 9.9698,
92.1430

■ 18.1754, 7.8842,
91.8316

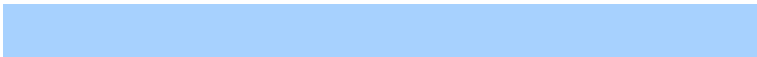
■ 17.4176, 6.9710,
91.6953

■ 17.4129, 6.9653,
91.6945

Harmonies

Analogous

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



56.7072, 61.1558, 102.5500



62.3866, 61.1558, 99.7829



67.1978, 61.1558, 87.4686

Triad

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



62.3866, 61.1558, 99.7829



65.0216, 61.1558, 44.7905



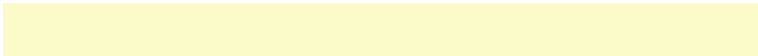
47.9830, 61.1558, 62.5727

Complementary

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



62.3866, 61.1558, 99.7829



84.8241, 93.7207, 68.8792

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.



49.9111, 61.1558, 49.3272



62.3866, 61.1558, 99.7829



59.5698, 61.1558, 40.2024

Square

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



62.3866, 61.1558, 99.7829



68.7868, 61.1558, 55.3712



54.0654, 61.1558, 41.7168



48.6292, 61.1558, 79.2263

Rectangle

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



62.3866, 61.1558, 99.7829



69.1437, 61.1558, 76.4454



54.0654, 61.1558, 41.7168



48.3470, 61.1558, 57.6171

Sweetspot

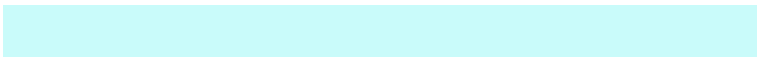
The Sweet Spot groups the original color and five complimentary colors.



62.3885, 61.1583, 99.7843



84.9554, 87.8368, 107.0843



75.8673, 88.3257, 103.6305



17.9594, 18.5301, 22.8801



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.



62.3885, 61.1583, 99.7843



59.4946, 57.1584, 102.5047



69.4040, 64.7743, 100.1125



16.2832, 16.6432, 21.7395



9.1528, 3.6612, 48.1978



0.8477, 0.3391, 4.4640

Inverse Universe

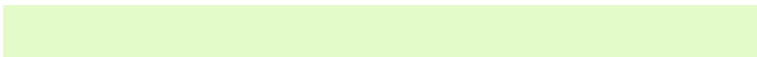
The Inverse Universe completely reimagines the original color for something new.



71.2145, 66.5012, 64.3436



70.2027, 63.6408, 59.5063



76.6671, 89.5164, 68.4976



17.2447, 17.2252, 17.8784



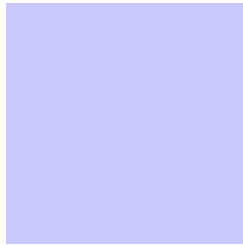
20.9120, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 62.3866, 61.1558, 99.7829 looks on a white background.

Color Contrast Check

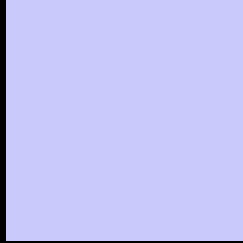
Large Text (above 18pt) WCAG AA × Fail

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 62.3866, 61.1558, 99.7829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

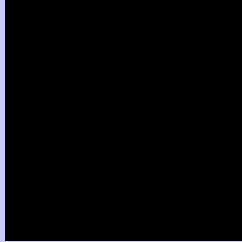
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3866, 61.1558, 99.7829

Background



This preview shows how black text looks on a background with the XYZ color 62.3866, 61.1558, 99.7829.

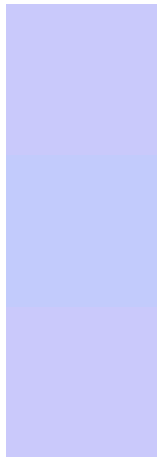


This preview shows how white text looks on a background with the XYZ color 62.3866, 61.1558,

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

62.3866, 61.1558, 99.7829

Protanopia

61.1748, 61.2095, 100.6858

Deuteranopia

62.6564, 61.2949, 99.7955



Tritanopia

58.0211, 61.1523, 77.8528

Trichromacy



Original Color

62.3866, 61.1558, 99.7829

Protanomaly

61.7172, 61.1397, 100.6437

Deuteranomaly

62.6564, 61.2949, 99.7955

Tritanomaly

59.5895, 61.0747, 85.7387

Monochromacy



Original Color

62.3866, 61.1558, 99.7829

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3274, 61.9695, 78.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3866, 61.1558, 99.7829 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(201, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 251)  
}
```

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(201, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 251) }
```

Border

The CSS property to change the border of an element to XYZ 62.3866, 61.1558, 99.7829 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(201, 201, 251) }
```


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

```
.border{ border-color:rgb(201, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 251);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3866, 61.1558, 99.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 251) }
```

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

```
.background{ background-color: rgb(201,  
201, 251) }
```

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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