

Converting Colors

XYZ(68.0102, 61.5477,
102.9031)

Have a look what the booklet for
XYZ(68.0102, 61.5477, 102.9031)
contains.

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Color

**XYZ(68.0823, 61.6509,
102.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C2FF
RGB	224, 194, 255
RGB Percent	88%, 76%, 100%
CMY	0.1216, 0.2392, 0.0000
CMYK	0.12, 0.24, 0.00, 0.00
HSL	270°, 100%, 88%
HSV	270°, 24%, 100%
XYZ	68.0823, 61.6509, 102.9192
YIQ	209.9240, -1.7010, 25.3310

Conversions

Conversions Part 2

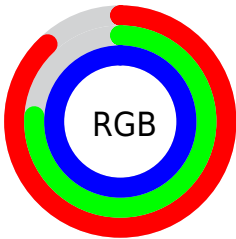
Format	Color
R_{YB}	224, 194, 255
Decimal	14729983
CIE _{Lab}	82.73, 21.82, -26.06
CIE _{LCh}	83, 33.990, 309.943
Yxy	61.6509, 0.2926, 0.2650
Android (android.graphics.Color)	4292920063 (0xFFE0C2FF)
YUV	209.9240, 22.2225, 12.3447
Hunter-Lab	78.5181, 17.3690, -22.7529

Details

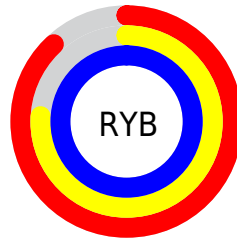
The XYZ color **68.0823, 61.6509, 102.9192** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.5502, 91.4232, 64.6536**, and the grayscale version is **61.0700, 64.2504, 69.9687**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.7196, 31.1582, 57.5576** is the 20% darker color. If you saturate the color by 10%, you get **59.0224, 49.2673, 101.0065**, and if you desaturate by 10%, it is **78.4256, 76.1447, 105.1717**.

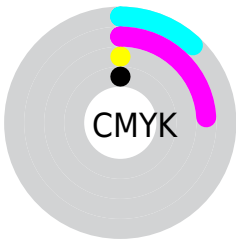
Distribution



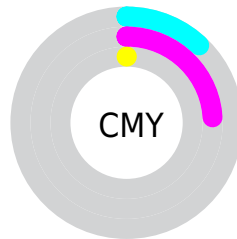
- Red (88%)
- Green (76%)
- Blue (100%)



- Red (88%)
- Yellow (76%)
- Blue (100%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0823, 61.6509, 102.9192 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 68.0823, 61.6509, 102.9192 by changing the saturation by 10% instead.

68.0823, 61.6509,
102.9192

68.0823, 61.6509,
102.9192

443.1597,
430.6565, 590.8383

50.2386, 44.7507,
78.1103

115.5111,
107.2208, 167.2498

35.8216, 31.2611,
57.6476

145.8270,
136.6593, 207.6086

24.4659, 20.7977,
41.1126

181.0310,
171.0460, 253.9878

15.8062, 12.9762,
28.0867

221.4884,
210.7653, 306.8059

9.4771, 7.4122,
18.1514

267.5646,
256.2016, 366.4815

5.1132, 3.7212,
10.8882

319.6250,

2.3493, 1.5189,

307.7394, 433.4330

5.8785

378.0349,
365.7629, 508.0791

■ 0.8197, 0.3019,
2.7037

■ 0.0000, 0.0000,
0.9453

■ 68.0823, 61.6509,
102.9192

■ 68.0823, 61.6509,
102.9192

■ 59.0224, 49.2673,
101.0065

■ 78.4256, 76.1447,
105.1717

■ 51.1841, 38.8836,
99.4153

■ 90.0997, 92.8371,
107.7783

■ 44.5081, 30.3904,
98.1278

95.0500, 100.0000,
108.9000

■ 38.9273, 23.6646,
97.1238

■ 34.3670, 18.5678,
96.3803

■ 30.7413, 14.9400,
95.8712

■ 27.9466, 12.5862,
95.5642

■ 26.5674, 11.6109,
95.4486

Harmonies

Analogous

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



61.0553, 61.6509, 115.0379



68.0823, 61.6509, 102.9192



72.8014, 61.6509, 81.8849

Triad

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



68.0823, 61.6509, 102.9192



63.5460, 61.6509, 35.9956



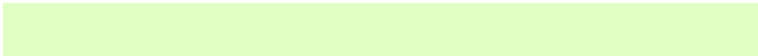
45.8265, 61.6509, 74.3128

Complementary

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



68.0823, 61.6509, 102.9192



76.5502, 91.4232, 64.6536

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.



46.3725, 61.6509, 54.2588



68.0823, 61.6509, 102.9192



56.2062, 61.6509, 34.7980

Square

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



68.0823, 61.6509, 102.9192



70.0353, 61.6509, 44.4781



50.0369, 61.6509, 40.7757



48.4779, 61.6509, 96.3963

Rectangle

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



68.0823, 61.6509, 102.9192



73.7900, 61.6509, 67.1676



50.0369, 61.6509, 40.7757



45.6478, 61.6509, 67.0871

Sweetspot

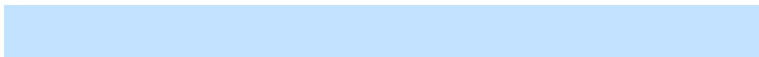
The Sweet Spot groups the original color and five complimentary colors.



68.0841, 61.6534, 102.9196



86.3587, 87.4552, 106.9367



67.3651, 72.8215, 105.1132



18.3307, 18.4987, 22.8544



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.



68.0841, 61.6534, 102.9196



63.3240, 55.1041, 101.9064



78.2098, 66.8734, 103.3935



17.8537, 17.8163, 22.7479



14.0535, 6.1553, 49.8820



1.4941, 0.6641, 4.8627

Inverse Universe

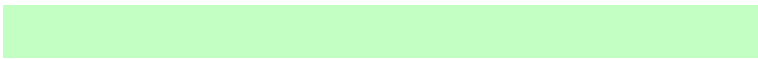
The Inverse Universe completely reimagines the original color for something new.



74.1238, 65.2821, 79.9299



70.5117, 59.4232, 74.5170



68.0094, 87.0202, 64.2539



18.3946, 18.1412, 20.6951



23.7155, 11.9755, 12.4180



2.3643, 1.1881, 1.4997

Previews

White Background



This preview shows how the XYZ color 68.0823, 61.6509, 102.9192 looks on a white background.

Color Contrast Check

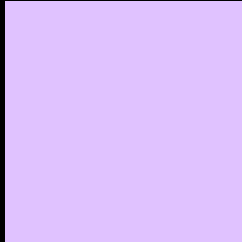
Large Text (above 18pt) WCAG AA × Fail

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 68.0823, 61.6509, 102.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

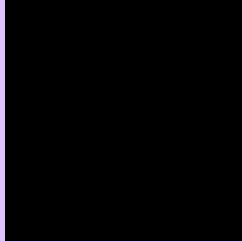
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0823, 61.6509, 102.9192

Background



This preview shows how black text looks on a background with the XYZ color 68.0823, 61.6509, 102.9192.



This preview shows how white text looks on a background with the XYZ color 68.0823, 61.6509,

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

68.0823, 61.6509, 102.9192

Protanopia

61.8910, 61.8751, 103.2888

Deuteranopia

63.2073, 61.8895, 101.5430



Tritanopia

62.3245, 61.6885, 74.2679

Trichromacy



Original Color

68.0823, 61.6509, 102.9192

Protanomaly

63.8811, 61.5077, 103.1130

Deuteranomaly

64.8912, 61.7042, 102.2559

Tritanomaly

64.1331, 61.3733, 84.0674

Monochromacy



Original Color

68.0823, 61.6509, 102.9192

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3447, 63.1238, 80.7970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0823, 61.6509, 102.9192 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(224, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 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(224, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.0823, 61.6509, 102.9192 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(224, 194, 255) }
```


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

```
.border{ border-color:rgb(224, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0823, 61.6509, 102.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 255) }
```

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

```
.background{ background-color: rgb(224,  
194, 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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