

Converting Colors

XYZ(68.3004, 60.9457,
102.7716)

Have a look what the booklet for
XYZ(68.3004, 60.9457, 102.7716)
contains.

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Color

**XYZ(68.2637, 61.0880,
102.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C0FF
RGB	226, 192, 255
RGB Percent	89%, 75%, 100%
CMY	0.1137, 0.2470, 0.0000
CMYK	0.11, 0.25, 0.00, 0.00
HSL	272°, 100%, 88%
HSV	272°, 25%, 100%
XYZ	68.2637, 61.0880, 102.8010
YIQ	209.3480, 0.0410, 26.8010

Conversions

Conversions Part 2

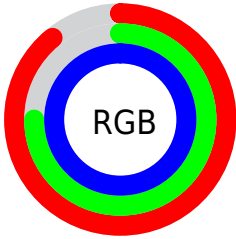
Format	Color
R _Y B	226, 192, 255
Decimal	14860543
CIE Lab	82.43, 23.52, -26.50
CIE LCh	82, 35.435, 311.584
Yxy	61.0880, 0.2940, 0.2631
Android (android.graphics.Color)	4293050623 (0xFFE2C0FF)
YUV	209.3480, 22.5064, 14.6038
Hunter-Lab	78.1588, 19.1235, -23.2720

Details

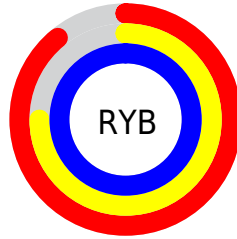
The XYZ color **68.2637, 61.0880, 102.8010** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.0944, 90.6985, 63.4206**, and the grayscale version is **60.6907, 63.8513, 69.5341**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **35.8591, 30.8002, 57.4811** is the 20% darker color. If you saturate the color by 10%, you get **59.5870, 49.0123, 100.9275**, and if you desaturate by 10%, it is **78.1660, 75.2386, 105.0104**.

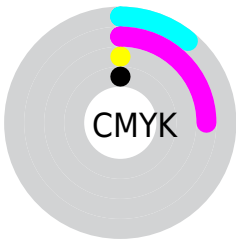
Distribution



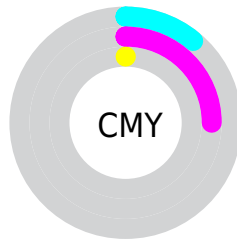
- Red (89%)
- Green (75%)
- Blue (100%)



- Red (89%)
- Yellow (75%)
- Blue (100%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2637, 61.0880, 102.8010 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 68.2637, 61.0880, 102.8010 by changing the saturation by 10% instead.

68.2637, 61.0880,
102.8010

68.2637, 61.0880,
102.8010

443.7918,
428.5966, 590.4593

50.3868, 44.2962,
78.0119

115.7691,
106.4063, 167.0864

35.9399, 30.9034,
57.5673

146.1284,
135.7017, 207.4199

24.5576, 20.5253,
41.0485

181.3790,
169.9336, 253.7719

15.8748, 12.7775,
28.0370

221.8865,
209.4866, 306.5611

9.5259, 7.2755,
18.1143

268.0162,
254.7450, 366.2058

5.1456, 3.6350,
10.8618

320.1334,

2.3686, 1.4715,

306.0932, 433.1247

5.8610

378.6035,
363.9156, 507.7364

■ 0.8294, 0.2686,
2.6933

■ 0.0000, 0.0000,
0.9400

■ 68.2637, 61.0880,
102.8010

■ 68.2637, 61.0880,
102.8010

■ 59.5870, 49.0123,
100.9275

■ 78.1660, 75.2386,
105.0104

■ 52.0754, 38.9013,
99.3718

■ 89.3397, 91.5518,
107.5703

■ 45.6711, 30.6459,
98.1158

95.0500, 100.0000,
108.9000

■ 40.3086, 24.1228,
97.1394

■ 35.9144, 19.1935,
96.4196

■ 32.4038, 15.6969,
95.9297

■ 29.6735, 13.4355,
95.6371

■ 28.4685, 12.5909,
95.5376

Harmonies

Analogous

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



61.0330, 61.0880, 116.2506



68.2637, 61.0880, 102.8010



72.9887, 61.0880, 80.5647

Triad

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



68.2637, 61.0880, 102.8010



62.7807, 61.0880, 34.2968



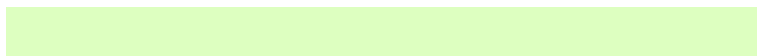
44.9444, 61.0880, 75.2370

Complementary

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



68.2637, 61.0880, 102.8010



75.0944, 90.6985, 63.4206

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.



45.3237, 61.0880, 54.2008



68.2637, 61.0880, 102.8010



55.1896, 61.0880, 33.4771

Square

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



68.2637, 61.0880, 102.8010



69.6384, 61.0880, 42.5154



48.9315, 61.0880, 39.9630



47.8459, 61.0880, 98.1788

Rectangle

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



68.2637, 61.0880, 102.8010



73.8534, 61.0880, 65.3692



48.9315, 61.0880, 39.9630



44.6997, 61.0880, 67.6729

Sweetspot

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



68.2655, 61.0905, 102.8014



86.6591, 87.6101, 106.9508



65.7523, 70.3528, 104.7217



18.4002, 18.5346, 22.8577



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.



68.2655, 61.0905, 102.8014



63.5205, 54.4424, 101.7683



77.8044, 66.0468, 101.4927



17.9396, 17.8606, 22.7519



15.0497, 6.6689, 49.9286



1.5914, 0.7143, 4.8673

Inverse Universe

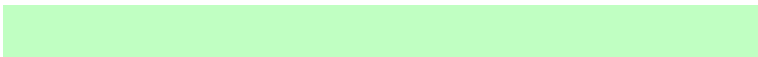
The Inverse Universe completely reimagines the original color for something new.



73.1421, 64.1819, 76.9416



69.3612, 58.1406, 70.9935



67.2488, 86.6268, 64.2768



18.3572, 18.1262, 20.4981



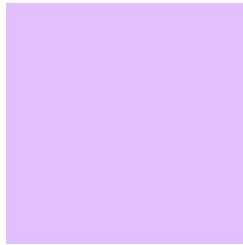
23.3117, 11.8140, 10.2918



2.3242, 1.1721, 1.2886

Previews

White Background



This preview shows how the XYZ color 68.2637, 61.0880, 102.8010 looks on a white background.

Color Contrast Check

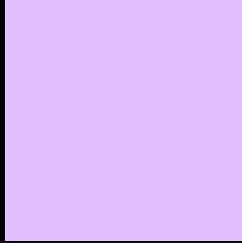
Large Text (above 18pt) WCAG AA × Fail

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 68.2637, 61.0880, 102.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

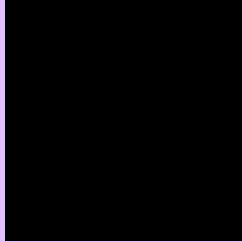
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2637, 61.0880, 102.8010

Background



This preview shows how black text looks on a background with the XYZ color 68.2637, 61.0880, 102.8010.

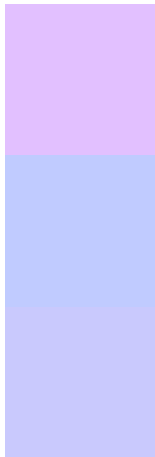


This preview shows how white text looks on a background with the XYZ color 68.2637, 61.0880,

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

68.2637, 61.0880, 102.8010

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

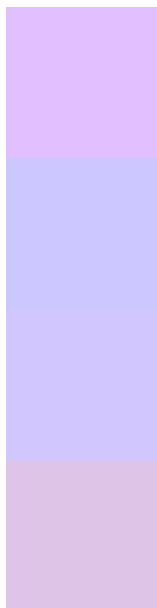
62.7037, 61.2826, 101.4524



Tritanopia

62.2044, 60.9688, 72.7796

Trichromacy



Original Color

68.2637, 61.0880, 102.8010

Protanomaly

63.3753, 60.9042, 103.0232

Deuteranomaly

64.6618, 61.2456, 102.1795

Tritanomaly

64.1471, 60.7226, 83.2026

Monochromacy



Original Color

68.2637, 61.0880, 102.8010

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.1077, 62.6499, 80.7180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2637, 61.0880, 102.8010 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(226, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 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(226, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.2637, 61.0880, 102.8010 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(226, 192, 255) }
```


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

```
.border{ border-color:rgb(226, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2637, 61.0880, 102.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 255) }
```

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

```
.background{ background-color: rgb(226,  
192, 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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