

Converting Colors

XYZ(69.5799, 61.2818,
102.7613)

Have a look what the booklet for
XYZ(69.5799, 61.2818, 102.7613)
contains.

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Color

**XYZ(69.6358, 61.4705,
102.8025)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BFFF
RGB	231, 191, 255
RGB Percent	91%, 75%, 100%
CMY	0.0941, 0.2510, 0.0000
CMYK	0.09, 0.25, 0.00, 0.00
HSL	278°, 100%, 87%
HSV	278°, 25%, 100%
XYZ	69.6358, 61.4705, 102.8025
YIQ	210.2560, 3.2960, 28.3840

Conversions

Conversions Part 2

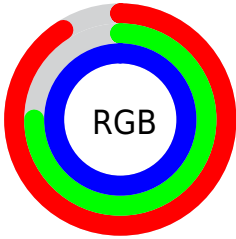
Format	Color
R_{YB}	231, 191, 255
Decimal	15187967
CIE _{Lab}	82.63, 25.62, -26.15
CIE _{LCh}	83, 36.607, 314.406
Yxy	61.4705, 0.2977, 0.2628
Android (android.graphics.Color)	4293378047 (0xFFE7BFFF)
YUV	210.2560, 22.0588, 18.1925
Hunter-Lab	78.4031, 21.3340, -22.8591

Details

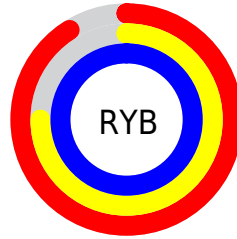
The XYZ color **69.6358, 61.4705, 102.8025** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1896, 89.7293, 62.7550**, and the grayscale version is **61.2864, 64.4780, 70.2166**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **36.8179, 31.0825, 57.4851** is the 20% darker color. If you saturate the color by 10%, you get **61.5493, 49.7541, 100.9672**, and if you desaturate by 10%, it is **78.8626, 75.2151, 104.9692**.

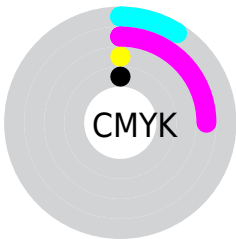
Distribution



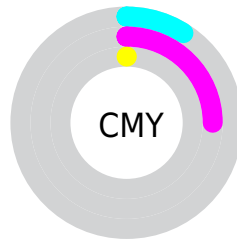
- Red (91%)
- Green (75%)
- Blue (100%)



- Red (91%)
- Yellow (75%)
- Blue (100%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6358, 61.4705, 102.8025 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 69.6358, 61.4705, 102.8025 by changing the saturation by 10% instead.

69.6358, 61.4705,
102.8025

69.6358, 61.4705,
102.8025

448.5566,
429.9970, 590.4641

51.5082, 44.6050,
78.0132

117.7183,
106.9599, 167.0885

36.8359, 31.1464,
57.5683

148.4040,
136.3526, 207.4223

25.2536, 20.7104,
41.0493

184.0064,
170.6897, 253.7747

16.3958, 12.9124,
28.0376

224.8908,
210.3558, 306.5642

9.8973, 7.3683,
18.1147

271.4227,
255.7352, 366.2093

5.3926, 3.6935,
10.8621

323.9674,

2.5165, 1.5036,

307.2122, 433.1287

5.8612

382.8902,
365.1714, 507.7407

■ 0.9036, 0.2913,
2.6934

■ 0.0000, 0.0000,
0.9401

■ 69.6358, 61.4705,
102.8025

■ 69.6358, 61.4705,
102.8025

■ 61.5493, 49.7541,
100.9672

■ 78.8626, 75.2151,
104.9692

■ 54.5449, 39.9564,
99.4453

■ 89.2734, 91.0746,
107.4817

■ 48.5669, 31.9694,
98.2187

95.0500, 100.0000,
108.9000

■ 43.5521, 25.6706,
97.2672

■ 39.4294, 20.9218,
96.5679

■ 36.1161, 17.5625,
96.0941

■ 33.5111, 15.3949,
95.8130

■ 32.4228, 14.6295,
95.7226

Harmonies

Analogous

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



62.2618, 61.4705, 118.1314



69.6358, 61.4705, 102.8025



74.2019, 61.4705, 79.2358

Triad

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



69.6358, 61.4705, 102.8025



62.5777, 61.4705, 33.3336



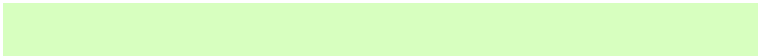
44.9931, 61.4705, 78.2708

Complementary

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



69.6358, 61.4705, 102.8025



73.1896, 89.7293, 62.7550

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.



45.0612, 61.4705, 55.9708



69.6358, 61.4705, 102.8025



54.7509, 61.4705, 33.1881

Square

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



69.6358, 61.4705, 102.8025



69.8849, 61.4705, 41.0126



48.4886, 61.4705, 40.5570



48.2934, 61.4705, 101.9610

Rectangle

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



69.6358, 61.4705, 102.8025



74.8027, 61.4705, 63.6650



48.4886, 61.4705, 40.5570



44.6328, 61.4705, 70.3067

Sweetspot

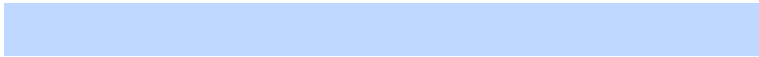
The Sweet Spot groups the original color and five complimentary colors.



69.6376, 61.4730, 102.8029



86.1253, 86.2457, 106.7155



63.9743, 67.1715, 104.2013



18.0939, 17.9401, 22.7591



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.



69.6376, 61.4730, 102.8029



65.5323, 55.4795, 101.8624



76.7429, 65.2722, 96.9823



18.0939, 17.9401, 22.7591



17.1125, 7.7323, 50.0251



1.7873, 0.8153, 4.8764

Inverse Universe

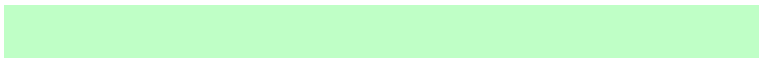
The Inverse Universe completely reimagines the original color for something new.



72.1380, 63.4302, 72.7330



68.5454, 57.8143, 66.6980



67.4946, 86.6960, 66.8880



18.2911, 18.0997, 20.1500



22.7093, 11.5730, 7.1196



2.2620, 1.1472, 0.9612

Previews

White Background



This preview shows how the XYZ color 69.6358, 61.4705, 102.8025 looks on a white background.

Color Contrast Check

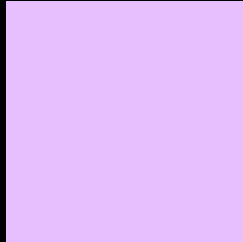
Large Text (above 18pt) WCAG AA × Fail

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 69.6358, 61.4705, 102.8025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

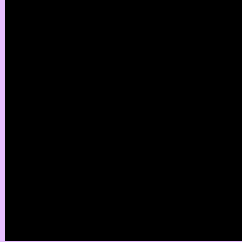
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6358, 61.4705, 102.8025

Background



This preview shows how black text looks on a background with the XYZ color 69.6358, 61.4705, 102.8025.

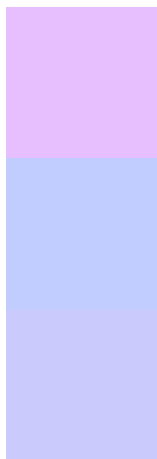


This preview shows how white text looks on a background with the XYZ color 69.6358, 61.4705,

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

69.6358, 61.4705, 102.8025

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

63.2073, 61.8895, 101.5430



Tritanopia

63.6124, 61.7094, 72.1767

Trichromacy



Original Color

69.6358, 61.4705, 102.8025

Protanomaly

64.2056, 61.3322, 103.0621

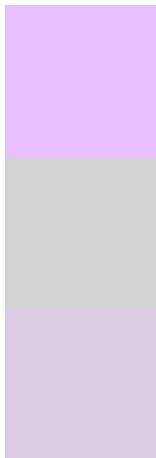
Deuteranomaly

65.5240, 61.6901, 102.2198

Tritanomaly

65.5613, 61.4679, 82.5378

Monochromacy



Original Color

69.6358, 61.4705, 102.8025

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.9968, 63.1083, 80.7596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6358, 61.4705, 102.8025 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(231, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 191, 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(231, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.6358, 61.4705, 102.8025 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(231, 191, 255) }
```


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

```
.border{ border-color:rgb(231, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 191, 255); box-shadow:4px 4px 4px 4px rgb(231, 191, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6358, 61.4705, 102.8025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 191, 255) }
```

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

```
.background{ background-color: rgb(231,  
191, 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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