

Converting Colors

XYZ(68.2472, 60.1138,
102.6259)

Have a look what the booklet for
XYZ(68.2472, 60.1138, 102.6259)
contains.

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Color

**XYZ(68.2425, 60.1092,
102.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BDFE
RGB	228, 189, 255
RGB Percent	89%, 74%, 100%
CMY	0.1059, 0.2588, 0.0000
CMYK	0.11, 0.26, 0.00, 0.00
HSL	275°, 100%, 87%
HSV	275°, 26%, 100%
XYZ	68.2425, 60.1092, 102.6132
YIQ	208.1850, 2.0580, 28.7940

Conversions

Conversions Part 2

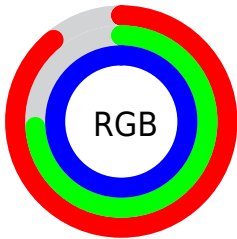
Format	Color
R _Y B	228, 189, 255
Decimal	14990847
CIE Lab	81.90, 25.75, -27.30
CIE LCh	82, 37.526, 313.331
Yxy	60.1092, 0.2955, 0.2603
Android (android.graphics.Color)	4293180927 (0xFFE4BDFF)
YUV	208.1850, 23.0798, 17.3778
Hunter-Lab	77.5301, 21.4391, -24.2008

Details

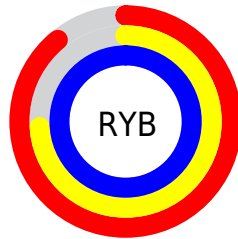
The XYZ color **68.2425, 60.1092, 102.6132** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2656, 89.7937, 61.6174**, and the grayscale version is **59.9299, 63.0509, 68.6624**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **35.8703, 30.1758, 57.3600** is the 20% darker color. If you saturate the color by 10%, you get **60.0221, 48.4333, 100.7928**, and if you desaturate by 10%, it is **77.6303, 73.8215, 104.7652**.

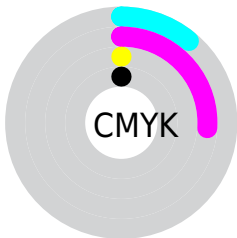
Distribution



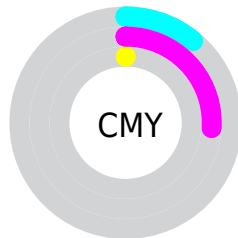
- Red (89%)
- Green (74%)
- Blue (100%)



- Red (89%)
- Yellow (74%)
- Blue (100%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2425, 60.1092, 102.6132 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 68.2425, 60.1092, 102.6132 by changing the saturation by 10% instead.

68.2425, 60.1092,
102.6132

68.2425, 60.1092,
102.6132

443.7180,
425.0002, 589.8568

50.3694, 43.5067,
77.8557

115.7390,
104.9881, 166.8268

35.9260, 30.2828,
57.4397

146.0931,
134.0332, 207.1200

24.5469, 20.0534,
40.9467

181.3384,
167.9946, 253.4289

15.8667, 12.4339,
27.9580

221.8400,
207.2567, 306.1719

9.5202, 7.0399,
18.0553

267.9634,
252.2039, 365.7677

5.1418, 3.4870,
10.8198

320.0740,

2.3663, 1.3910,

303.2207, 432.6347

5.8332

378.5371,
360.6913, 507.1916

■ 0.8283, 0.2101,
2.6768

■ 0.0000, 0.0000,
0.9317

■ 68.2425, 60.1092,
102.6132

■ 68.2425, 60.1092,
102.6132

■ 60.0221, 48.4333,
100.7928

■ 77.6303, 73.8215,
104.7652

■ 52.9100, 38.6837,
99.2858

■ 88.2306, 89.6582,
107.2632

■ 46.8493, 30.7509,
98.0740

95.0500, 100.0000,
108.9000

■ 41.7752, 24.5108,
97.1370

■ 37.6149, 19.8235,
96.4515

■ 34.2838, 16.5256,
95.9905

■ 31.6777, 14.4147,
95.7205

■ 30.7536, 13.7689,
95.6445

Harmonies

Analogous

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



60.7190, 60.1092, 117.7761



68.2425, 60.1092, 102.6132



73.0128, 60.1092, 78.7856

Triad

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



68.2425, 60.1092, 102.6132



61.6166, 60.1092, 31.9050



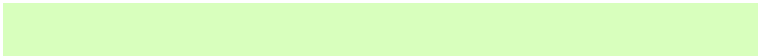
43.5470, 60.1092, 76.0385

Complementary

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



68.2425, 60.1092, 102.6132



73.2656, 89.7937, 61.6174

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.



43.7391, 60.1092, 53.7089



68.2425, 60.1092, 102.6132



53.6891, 60.1092, 31.4991

Square

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



68.2425, 60.1092, 102.6132



68.9518, 60.1092, 39.8316



47.2980, 60.1092, 38.5542



46.7466, 60.1092, 100.2055

Rectangle

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



68.2425, 60.1092, 102.6132



73.7392, 60.1092, 62.9451



47.2980, 60.1092, 38.5542



43.2266, 60.1092, 68.0179

Sweetspot

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



68.2442, 60.1117, 102.6136



85.8800, 86.1193, 106.7041



63.7224, 67.4093, 104.2605



18.0320, 17.9082, 22.7562



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.



68.2442, 60.1117, 102.6136



63.8927, 53.8853, 101.6411



76.6157, 64.5282, 98.4494



18.0320, 17.9082, 22.7562



16.2431, 7.2841, 49.9844



1.7055, 0.7732, 4.8726

Inverse Universe

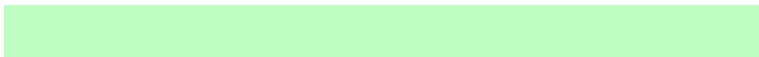
The Inverse Universe completely reimagines the original color for something new.



71.8337, 62.6154, 73.2676



68.1762, 56.8593, 67.2425



66.5419, 86.2572, 64.4787



18.3174, 18.1103, 20.2887



22.9325, 11.6623, 8.2950



2.2855, 1.1566, 1.0847

Previews

White Background



This preview shows how the XYZ color 68.2425, 60.1092, 102.6132 looks on a white background.

Color Contrast Check

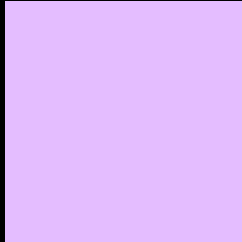
Large Text (above 18pt) WCAG AA × Fail

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 68.2425, 60.1092, 102.6132 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 68.2425, 60.1092, 102.6132

Background



This preview shows how black text looks on a background with the XYZ color 68.2425, 60.1092, 102.6132.

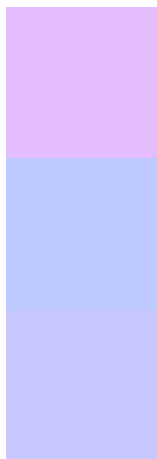


This preview shows how white text looks on a background with the XYZ color 68.2425, 60.1092,

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

68.2425, 60.1092, 102.6132

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

61.9371, 60.5425, 101.3499



Tritanopia

61.6687, 60.0581, 70.6294

Trichromacy



Original Color

68.2425, 60.1092, 102.6132

Protanomaly

62.9181, 59.9899, 102.8708

Deuteranomaly

64.2077, 60.3373, 102.0281

Tritanomaly

64.0358, 60.0323, 81.6111

Monochromacy



Original Color

68.2425, 60.1092, 102.6132

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.5016, 61.6566, 79.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2425, 60.1092, 102.6132 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(228, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 189, 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(228, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.2425, 60.1092, 102.6132 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(228, 189, 255) }
```


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

```
.border{ border-color:rgb(228, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 189, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 189, 255); box-shadow:4px 4px 4px 4px rgb(228, 189, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2425, 60.1092, 102.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 189, 255) }
```

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

```
.background{ background-color: rgb(228,  
189, 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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