

Converting Colors

XYZ(68.0448, 60.6504,
102.7281)

Have a look what the booklet for
XYZ(68.0448, 60.6504, 102.7281)
contains.

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Color

**XYZ(68.0448, 60.6504,
102.7281)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BFFF
RGB	226, 191, 255
RGB Percent	89%, 75%, 100%
CMY	0.1137, 0.2510, 0.0000
CMYK	0.11, 0.25, 0.00, 0.00
HSL	273°, 100%, 87%
HSV	273°, 25%, 100%
XYZ	68.0448, 60.6504, 102.7281
YIQ	208.7610, 0.3160, 27.3240

Conversions

Conversions Part 2

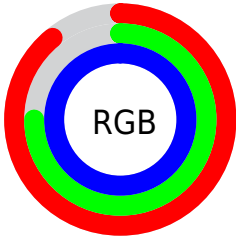
Format	Color
R _Y B	226, 191, 255
Decimal	14860287
CIE Lab	82.19, 24.05, -26.86
CIE LCh	82, 36.060, 311.842
Yxy	60.6504, 0.2940, 0.2621
Android (android.graphics.Color)	4293050367 (0xFFE2BFFF)
YUV	208.7610, 22.7958, 15.1186
Hunter-Lab	77.8784, 19.6740, -23.6936

Details

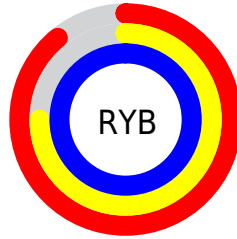
The XYZ color **68.0448, 60.6504, 102.7281** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6807, 90.4979, 62.8249**, and the grayscale version is **60.3063, 63.4470, 69.0937**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **35.7163, 30.5146, 57.4335** is the 20% darker color. If you saturate the color by 10%, you get **59.4587, 48.6763, 100.8694**, and if you desaturate by 10%, it is **77.8467, 74.6914, 104.9217**.

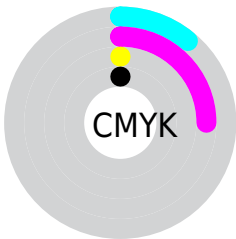
Distribution



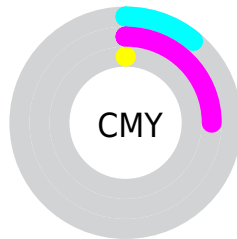
- Red (89%)
- Green (75%)
- Blue (100%)



- 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 68.0448, 60.6504, 102.7281 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 68.0448, 60.6504, 102.7281 by changing the saturation by 10% instead.

68.0448, 60.6504,
102.7281

68.0448, 60.6504,
102.7281

443.0290,
426.9910, 590.2255

50.2080, 43.9431,
77.9513

115.4578,
105.7726, 166.9857

35.7972, 30.6258,
57.5178

145.7647,
134.9562, 207.3035

24.4470, 20.3141,
41.0089

180.9590,
169.0675, 253.6388

15.7920, 12.6235,
28.0063

221.4060,
208.4907, 306.4100

9.4670, 7.1698,
18.0913

267.4712,
253.6102, 366.0358

5.1066, 3.5685,
10.8455

319.5198,

2.3453, 1.4353,

304.8105, 432.9346

5.8502

377.9173,
362.4760, 507.5249

■ 0.8177, 0.2425,
2.6869

■ 0.0000, 0.0000,
0.9368

■ 68.0448, 60.6504,
102.7281

■ 68.0448, 60.6504,
102.7281

■ 59.4587, 48.6763,
100.8694

■ 77.8467, 74.6914,
104.9217

■ 52.0281, 38.6590,
99.3275

■ 88.9103, 90.8875,
107.4647

■ 45.6953, 30.4891,
98.0843

95.0500, 100.0000,
108.9000

■ 40.3946, 24.0428,
97.1194

■ 36.0526, 19.1811,
96.4099

■ 32.5842, 15.7418,
95.9288

■ 29.8856, 13.5259,
95.6433

■ 28.7731, 12.7480,
95.5518

Harmonies

Analogous

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



60.7233, 60.6504, 116.5470



68.0448, 60.6504, 102.7281



72.8113, 60.6504, 80.0810

Triad

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



68.0448, 60.6504, 102.7281



62.3612, 60.6504, 33.5086



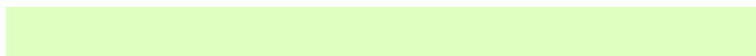
44.3945, 60.6504, 75.0819

Complementary

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



68.0448, 60.6504, 102.7281



74.6807, 90.4979, 62.8249

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.



44.7484, 60.6504, 53.7409



68.0448, 60.6504, 102.7281



54.6752, 60.6504, 32.7489

Square

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



68.0448, 60.6504, 102.7281



69.3350, 60.6504, 41.6983



48.3653, 60.6504, 39.3252



47.3513, 60.6504, 98.3773

Rectangle

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



68.0448, 60.6504, 102.7281



73.6631, 60.6504, 64.6908



48.3653, 60.6504, 39.3252



44.1379, 60.6504, 67.4038

Sweetspot

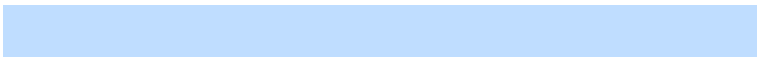
The Sweet Spot groups the original color and five complimentary colors.



68.0466, 60.6529, 102.7285



85.5645, 85.9566, 106.6893



65.3591, 69.9410, 104.6629



17.9525, 17.8673, 22.7525



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.



68.0466, 60.6529, 102.7285



63.6869, 54.5282, 101.7761



77.5803, 65.6072, 101.3918



17.9525, 17.8673, 22.7525



15.2090, 6.7510, 49.9361



1.6068, 0.7223, 4.8680

Inverse Universe

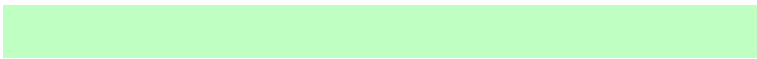
The Inverse Universe completely reimagines the original color for something new.



72.7906, 63.6913, 76.1694



69.2912, 58.1126, 70.6251



66.8882, 86.4534, 63.6948



18.3516, 18.1239, 20.4686



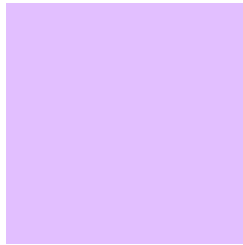
23.2553, 11.7914, 9.9947



2.3185, 1.1698, 1.2587

Previews

White Background



This preview shows how the XYZ color 68.0448, 60.6504, 102.7281 looks on a white background.

Color Contrast Check

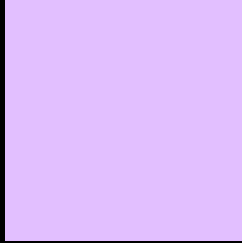
Large Text (above 18pt) WCAG AA × Fail

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 68.0448, 60.6504, 102.7281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

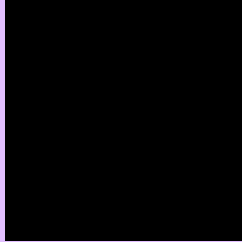
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0448, 60.6504, 102.7281

Background



This preview shows how black text looks on a background with the XYZ color 68.0448, 60.6504, 102.7281.



This preview shows how white text looks on a background with the XYZ color 68.0448, 60.6504,

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

68.0448, 60.6504, 102.7281

Protanopia

60.8918, 61.0082, 103.1742

Deuteranopia

62.2033, 60.6798, 101.3624



Tritanopia

61.7744, 60.7620, 72.0907

Trichromacy



Original Color

68.0448, 60.6504, 102.7281

Protanomaly

63.3753, 60.9042, 103.0232

Deuteranomaly

64.1501, 60.6436, 102.0902

Tritanomaly

64.0070, 60.6666, 82.4650

Monochromacy



Original Color

68.0448, 60.6504, 102.7281

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.8723, 62.1791, 80.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0448, 60.6504, 102.7281 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, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.0448, 60.6504, 102.7281 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, 191, 255) }
```


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

```
.border{ border-color:rgb(226, 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(226, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0448, 60.6504, 102.7281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 255) }
```

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

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