

Converting Colors

XYZ(69.2177, 60.7222,
104.4704)

Have a look what the booklet for
XYZ(69.2177, 60.7222, 104.4704)
contains.

XYZ(68.8807, 60.4382, 102.6431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.8807, 60.4382,
102.6431)**

Conversions

Conversions Part 1	
Format	Color
Hex	E6BDFE
RGB	230, 189, 255
RGB Percent	90%, 74%, 100%
CMY	0.0980, 0.2588, 0.0000
CMYK	0.10, 0.26, 0.00, 0.00
HSL	277°, 100%, 87%
HSV	277°, 26%, 100%
XYZ	68.8807, 60.4382, 102.6431
YIQ	208.7830, 3.2500, 29.2180

Conversions

Conversions Part 2

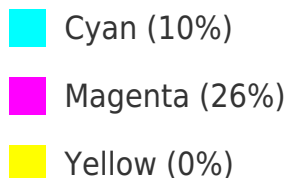
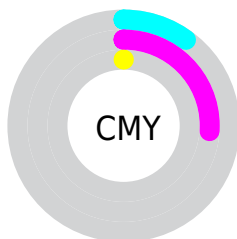
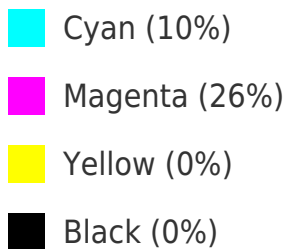
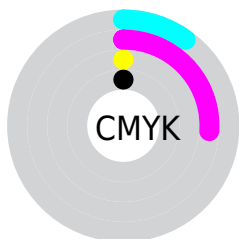
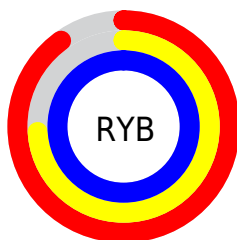
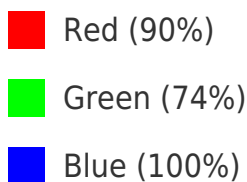
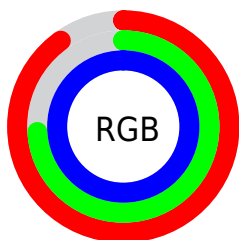
Format	Color
RYB	230, 189, 255
Decimal	15121919
CIELab	82.08, 26.37, -27.01
CIELCh	82, 37.749, 314.319
Yxy	60.4382, 0.2969, 0.2606
Android (android.graphics.Color)	4293311999 (0xFFE6BDF5)
YUV	208.7830, 22.7850, 18.6073
Hunter-Lab	77.7420, 22.1054, -23.8614

Details

The XYZ color **68.8807, 60.4382, 102.6431** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6783, 89.4909, 61.5899**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.3126, 30.4038, 57.3807** is the 20% darker color. If you saturate the color by 10%, you get **60.8562, 48.8633, 100.8318**, and if you desaturate by 10%, it is **78.0448, 74.0352, 104.7846**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8807, 60.4382, 102.6431 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 68.8807, 60.4382, 102.6431 by changing the saturation by 10% instead.


 68.8807, 60.4382,
102.6431

 68.8807, 60.4382,
102.6431


445.9381,
426.2111, 589.9528

 50.8908, 43.7719,
77.8806


 116.6462,
105.4651, 166.8681

 36.3424, 30.4913,
57.4600


147.1525,
134.5945, 207.1678

 24.8701, 20.2118,
40.9629


182.5617,
168.6470, 253.4835

 16.1085, 12.5491,
27.9706

223.2391,
208.0071, 306.2339

 9.6923, 7.1188,
18.0646

269.5501,
253.0592, 365.8375

 5.2561, 3.5365,
10.8265


321.8600,


 2.4346, 1.4178,


304.1876, 432.7128


5.8376

380.5342,
361.7768, 507.2784

 0.8624, 0.2298,
2.6794


 0.0000, 0.0000,
0.9330


 68.8807, 60.4382,
102.6431


 68.8807, 60.4382,
102.6431

 60.8562, 48.8633,
100.8318


 78.0448, 74.0352,
104.7846

 53.9127, 39.2006,
99.3327

 88.3927, 89.7417,
107.2708

 47.9941, 31.3411,
98.1276

95.0500, 100.0000,
108.9000

 43.0366, 25.1611,
97.1960

■ 38.9680, 20.5211,
96.5149

■ 35.7047, 17.2581,
96.0570

■ 33.1434, 15.1703,
95.7890

■ 32.2312, 14.5307,
95.7137

Harmonies

Analogous

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



61.3353, 60.4382, 118.4125



68.8807, 60.4382, 102.6431



73.5709, 60.4382, 78.4520

Triad

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



68.8807, 60.4382, 102.6431



61.7052, 60.4382, 31.8417



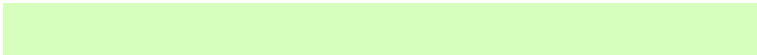
43.7870, 60.4382, 77.3196

Complementary

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



68.8807, 60.4382, 102.6431



72.6783, 89.4909, 61.5899

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.



43.8660, 60.4382, 54.5993



68.8807, 60.4382, 102.6431



53.7222, 60.4382, 31.6749

Square

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



68.8807, 60.4382, 102.6431



69.1731, 60.4382, 39.5686



47.3502, 60.4382, 39.0432



47.1231, 60.4382, 101.6499

Rectangle

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



68.8807, 60.4382, 102.6431



74.1966, 60.4382, 62.5434



47.3502, 60.4382, 39.0432



43.4255, 60.4382, 69.1820

Sweetspot

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



68.8824, 60.4407, 102.6435



86.0980, 86.2316, 106.7143



63.1609, 66.2862, 104.0733



18.0870, 17.9366, 22.7588



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.



68.8824, 60.4407, 102.6435



64.6346, 54.2678, 101.6759



76.2736, 64.3913, 96.6478



18.0870, 17.9366, 22.7588



17.0128, 7.6809, 50.0205



1.7780, 0.8105, 4.8760

Inverse Universe

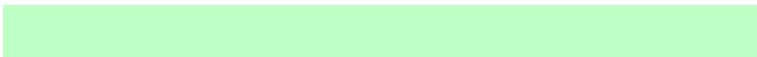
The Inverse Universe completely reimagines the original color for something new.



71.5767, 62.5125, 71.9140



67.8831, 56.7421, 65.6989



66.7917, 86.3571, 65.7942



18.2940, 18.1009, 20.1654



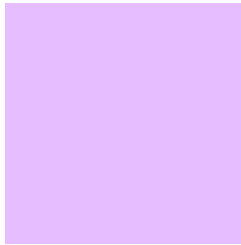
22.7330, 11.5825, 7.2444



2.2645, 1.1482, 0.9745

Previews

White Background



This preview shows how the XYZ color 68.8807, 60.4382, 102.6431 looks on a white background.

Color Contrast Check

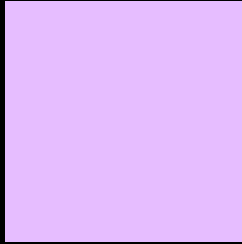
Large Text (above 18pt) WCAG AA × Fail

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 68.8807, 60.4382, 102.6431 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 68.8807, 60.4382, 102.6431

Background



This preview shows how black text looks on a background with the XYZ color 68.8807, 60.4382, 102.6431.

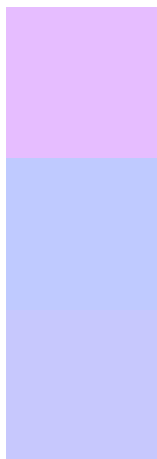


This preview shows how white text looks on a background with the XYZ color 68.8807, 60.4382,

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

68.8807, 60.4382, 102.6431

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.9371, 60.5425, 101.3499



Tritanopia

62.2813, 60.3739, 70.6581

Trichromacy



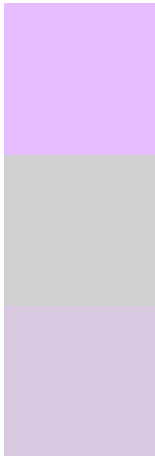
Original Color
68.8807, 60.4382, 102.6431

Protanomaly
63.1931, 60.1316, 102.8837

Deuteranomaly
64.2077, 60.3373, 102.0281

Tritanomaly
64.6594, 60.3538, 81.6403

Monochromacy



Original Color
68.8807, 60.4382, 102.6431

Achromatopsia
60.6036, 63.7597, 69.4343

Achromatomaly
63.4633, 62.4838, 80.6672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8807, 60.4382, 102.6431 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(230, 189, 255) looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.8807, 60.4382, 102.6431 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(230, 189, 255) }
```


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

```
.border{ border-color:rgb(230, 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(230, 189, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8807, 60.4382, 102.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 255) }
```

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

```
.background{ background-color: rgb(230,  
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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