

Converting Colors

XYZ(68.5509, 58.6172,
102.3090)

Have a look what the booklet for
XYZ(68.5509, 58.6172, 102.3090)
contains.

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Color

**XYZ(68.4692, 58.6568,
102.3209)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B8FF
RGB	232, 184, 255
RGB Percent	91%, 72%, 100%
CMY	0.0902, 0.2784, 0.0000
CMYK	0.09, 0.28, 0.00, 0.00
HSL	281°, 100%, 86%
HSV	281°, 28%, 100%
XYZ	68.4692, 58.6568, 102.3209
YIQ	206.4460, 5.8170, 32.2570

Conversions

Conversions Part 2

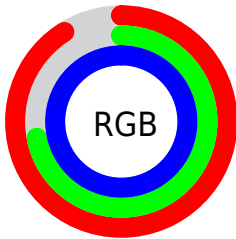
Format	Color
R _Y B	232, 184, 255
Decimal	15251711
CIE Lab	81.10, 29.67, -28.48
CIE LCh	81, 41.129, 316.174
Yxy	58.6568, 0.2984, 0.2556
Android (android.graphics.Color)	4293441791 (0xFFE8B8FF)
YUV	206.4460, 23.9371, 22.4109
Hunter-Lab	76.5877, 25.5499, -25.5998

Details

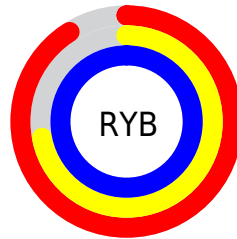
The XYZ color **68.4692, 58.6568, 102.3209** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.1452, 88.2467, 58.6864**, and the grayscale version is **58.8023, 61.8645, 67.3705**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **36.0802, 29.2726, 57.1746** is the 20% darker color. If you saturate the color by 10%, you get **61.0236, 47.6524, 100.5893**, and if you desaturate by 10%, it is **76.9989, 71.6404, 104.3774**.

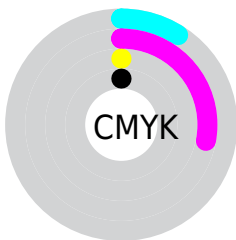
Distribution



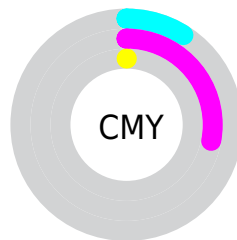
- Red (91%)
- Green (72%)
- Blue (100%)



- Red (91%)
- Yellow (72%)
- Blue (100%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4692, 58.6568, 102.3209 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 68.4692, 58.6568, 102.3209 by changing the saturation by 10% instead.

68.4692, 58.6568,
102.3209

68.4692, 58.6568,
102.3209

444.5073,
419.6289, 588.9184

50.5546, 42.3369,
77.6126

116.0613,
102.8787, 166.4226

36.0739, 29.3652,
57.2412

146.4696,
131.5495, 206.6531

24.6616, 19.3573,
40.7883

181.7731,
165.1060, 252.8947

15.9525, 11.9287,
27.8352

222.3373,
203.9327, 305.5659

9.5812, 6.6951,
17.9635

268.5275,
248.4140, 365.0854

5.1823, 3.2722,
10.7546

320.7089,

2.3905, 1.2754,

298.9341, 431.8716

5.7900

379.2471,
355.8776, 506.3431

■ 0.8404, 0.1221,
2.6511

■ 0.0000, 0.0000,
0.9187

■ 68.4692, 58.6568,
102.3209

■ 68.4692, 58.6568,
102.3209

■ 61.0236, 47.6524,
100.5893

■ 76.9989, 71.6404,
104.3774

■ 54.6041, 38.5165,
99.1642

■ 86.6568, 86.6917,
106.7736

■ 49.1544, 31.1382,
98.0273

95.0500, 100.0000,
108.9000

■ 44.6104, 25.3920,
97.1577

■ 40.8993, 21.1351,
96.5316

■ 37.9355, 18.1989,
96.1211

■ 35.6053, 16.3588,
95.8887

■ 35.1503, 16.0355,
95.8503

Harmonies

Analogous

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



60.4561, 58.6568, 120.5789



68.4692, 58.6568, 102.3209



73.2819, 58.6568, 75.7891

Triad

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



68.4692, 58.6568, 102.3209



59.7721, 58.6568, 28.1974



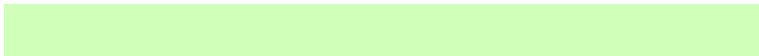
41.4095, 58.6568, 77.8964

Complementary

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



68.4692, 58.6568, 102.3209



70.1452, 88.2467, 58.6864

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.



41.2667, 58.6568, 53.2662



68.4692, 58.6568, 102.3209



51.2976, 58.6568, 28.4879

Square

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



68.4692, 58.6568, 102.3209



67.9246, 58.6568, 35.5721



44.7150, 58.6568, 36.5033



45.1274, 58.6568, 104.1995

Rectangle

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



68.4692, 58.6568, 102.3209



73.7399, 58.6568, 58.9377



44.7150, 58.6568, 36.5033



40.9559, 58.6568, 69.0644

Sweetspot

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



68.4709, 58.6592, 102.3213



86.4944, 86.4360, 106.7328



60.2939, 62.3620, 103.4670



18.1871, 17.9882, 22.7635



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.



68.4709, 58.6592, 102.3213



64.4973, 52.7408, 101.3884



74.5845, 62.0243, 92.9676



18.1871, 17.9882, 22.7635



18.5300, 8.4630, 50.0915



1.9187, 0.8831, 4.8826

Inverse Universe

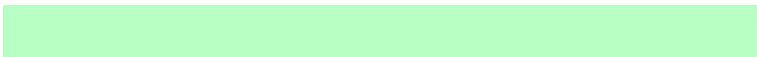
The Inverse Universe completely reimagines the original color for something new.



69.6444, 60.0482, 66.9532



65.9803, 54.4114, 60.5171



65.4737, 85.6891, 65.2165



18.2519, 18.0841, 19.9437



22.4170, 11.4561, 5.5804



2.2303, 1.1345, 0.7940

Previews

White Background



This preview shows how the XYZ color 68.4692, 58.6568, 102.3209 looks on a white background.

Color Contrast Check

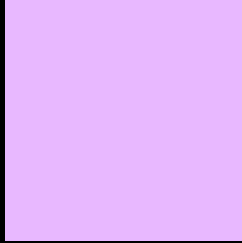
Large Text (above 18pt) WCAG AA × Fail

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 68.4692, 58.6568, 102.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

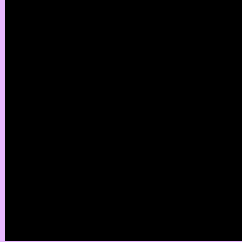
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4692, 58.6568, 102.3209

Background



This preview shows how black text looks on a background with the XYZ color 68.4692, 58.6568, 102.3209.



This preview shows how white text looks on a background with the XYZ color 68.4692, 58.6568,

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

68.4692, 58.6568, 102.3209

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.2704, 59.0185, 100.3106



Tritanopia

61.5065, 58.7015, 67.7633

Trichromacy



Original Color

68.4692, 58.6568, 102.3209

Protanomaly

61.9704, 58.5001, 102.6332

Deuteranomaly

62.8120, 58.6417, 100.9369

Tritanomaly

63.9990, 58.7571, 79.2023

Monochromacy



Original Color

68.4692, 58.6568, 102.3209

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.6730, 60.2171, 78.8935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4692, 58.6568, 102.3209 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(232, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 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(232, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.4692, 58.6568, 102.3209 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(232, 184, 255) }
```


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

```
.border{ border-color:rgb(232, 184, 255) }
```

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

Here you see how a box with a 4 pixel rgb(232, 184, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4692, 58.6568, 102.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 255) }
```

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

```
.background{ background-color: rgb(232,  
184, 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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