

Converting Colors

XYZ(69.2303, 57.2379,
102.0069)

Have a look what the booklet for
XYZ(69.2303, 57.2379, 102.0069)
contains.

XYZ(69.2303, 57.2379, 102.0069)	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(69.2303, 57.2379,
102.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB2FF
RGB	238, 178, 255
RGB Percent	93%, 70%, 100%
CMY	0.0667, 0.3019, 0.0000
CMYK	0.07, 0.30, 0.00, 0.00
HSL	287°, 100%, 85%
HSV	287°, 30%, 100%
XYZ	69.2303, 57.2379, 102.0069
YIQ	204.7180, 11.0430, 36.6670

Conversions

Conversions Part 2

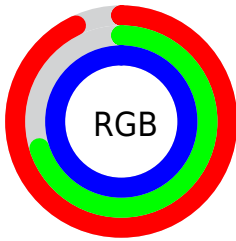
Format	Color
R _Y B	238, 178, 255
Decimal	15643391
CIE Lab	80.31, 34.73, -29.64
CIE LCh	80, 45.658, 319.520
Yxy	57.2379, 0.3030, 0.2505
Android (android.graphics.Color)	4293833471 (0xFFEEB2FF)
YUV	204.7180, 24.7890, 29.1883
Hunter-Lab	75.6557, 30.9425, -26.9819

Details

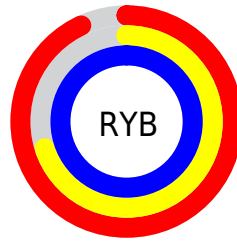
The XYZ color **69.2303, 57.2379, 102.0069** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3028, 86.3370, 55.2923**, and the grayscale version is **57.6934, 60.6980, 66.1001**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **36.5827, 28.5682, 57.0122** is the 20% darker color. If you saturate the color by 10%, you get **62.7602, 47.0590, 100.3832**, and if you desaturate by 10%, it is **76.7059, 69.3381, 103.9485**.

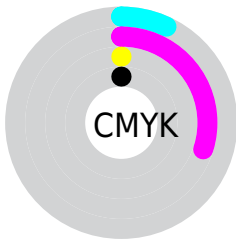
Distribution



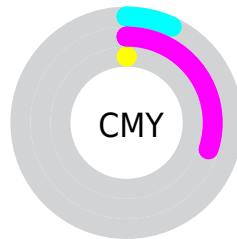
- Red (93%)
- Green (70%)
- Blue (100%)



- Red (93%)
- Yellow (70%)
- Blue (100%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2303, 57.2379, 102.0069 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 69.2303, 57.2379, 102.0069 by changing the saturation by 10% instead.

69.2303, 57.2379,
102.0069

69.2303, 57.2379,
102.0069

447.1515,
414.3402, 587.9095

51.1766, 41.1963,
77.3514

117.1427,
100.8122, 165.9883

36.5708, 28.4725,
57.0281

147.7322,
129.1137, 206.1513

25.0475, 18.6821,
40.6183

183.2309,
162.2706, 252.3205

16.2414, 11.4408,
27.7035

224.0043,
200.6673, 304.9146

9.7870, 6.3642,
17.8652

270.4177,
244.6883, 364.3519

5.3192, 3.0678,
10.6848

322.8365,

2.4724, 1.1672,

294.7178, 431.0512

5.7438

381.6259,
351.1403, 505.4309

■ 0.8814, 0.0347,
2.6237

■ 0.0000, 0.0000,
0.9046

■ 69.2303, 57.2379,
102.0069

■ 69.2303, 57.2379,
102.0069

■ 62.7602, 47.0590,
100.3832

■ 76.7059, 69.3381,
103.9485

■ 57.2376, 38.6892,
99.0587

■ 85.2308, 83.4492,
106.2229

■ 52.6062, 32.0157,
98.0147

94.8521, 99.6639,
108.8455

■ 48.8014, 26.9100,
97.2298

95.0500, 100.0000,
108.9000

■ 45.7492, 23.2249,
96.6793

■ 43.3613, 20.7846,
96.3342

■ 41.5249, 19.3217,
96.1486

Harmonies

Analogous

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



60.6237, 57.2379, 124.4169



69.2303, 57.2379, 102.0069



74.0312, 57.2379, 72.1487

Triad

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



69.2303, 57.2379, 102.0069



57.7337, 57.2379, 24.2077



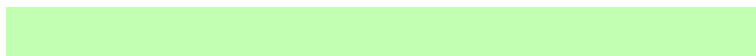
39.1777, 57.2379, 81.1257

Complementary

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



69.2303, 57.2379, 102.0069



66.3028, 86.3370, 55.2923

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.



38.5923, 57.2379, 53.4314



69.2303, 57.2379, 102.0069



48.6229, 57.2379, 25.3413

Square

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



69.2303, 57.2379, 102.0069



66.9076, 57.2379, 30.8279



41.8599, 57.2379, 34.5518



43.5622, 57.2379, 110.1725

Rectangle

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



69.2303, 57.2379, 102.0069



74.0954, 57.2379, 54.2009



41.8599, 57.2379, 34.5518



38.5508, 57.2379, 71.2170

Sweetspot

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



69.2320, 57.2403, 102.0073



86.3212, 85.2731, 106.5175



56.1445, 56.1521, 102.4870



18.1924, 17.7771, 22.7224



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.



69.2320, 57.2403, 102.0073



65.3558, 51.1023, 101.0269



72.0800, 59.0702, 85.7975



18.3773, 18.0862, 22.7724



21.8311, 10.1648, 50.2460



2.2178, 1.0372, 4.8966

Inverse Universe

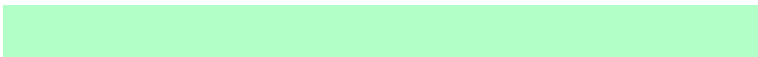
The Inverse Universe completely reimagines the original color for something new.



67.0120, 57.0430, 59.1100



62.9686, 50.9638, 51.5729



64.3764, 85.0876, 66.7820



18.1735, 18.0527, 19.5309



21.9707, 11.2776, 3.2301



2.1779, 1.1135, 0.5182

Previews

White Background



This preview shows how the XYZ color 69.2303, 57.2379, 102.0069 looks on a white background.

Color Contrast Check

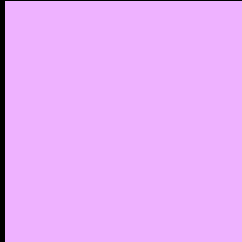
Large Text (above 18pt) WCAG AA × Fail

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 69.2303, 57.2379, 102.0069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

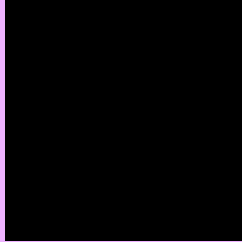
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2303, 57.2379, 102.0069

Background



This preview shows how black text looks on a background with the XYZ color 69.2303, 57.2379, 102.0069.



This preview shows how white text looks on a background with the XYZ color 69.2303, 57.2379,

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

69.2303, 57.2379, 102.0069

Protanopia

58.0112, 57.7985, 102.7064

Deuteranopia

59.0488, 57.7146, 100.1233



Tritanopia

61.3958, 57.1012, 64.2856

Trichromacy



Original Color

69.2303, 57.2379, 102.0069



Protanomaly

61.5826, 57.3190, 102.4257



Deuteranomaly

62.2217, 57.0424, 100.6593



Tritanomaly

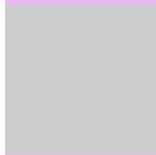
63.9296, 56.8785, 76.7164

Monochromacy



Original Color

69.2303, 57.2379, 102.0069



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.4497, 59.1096, 77.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2303, 57.2379, 102.0069 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(238, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 178, 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(238, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2303, 57.2379, 102.0069 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(238, 178, 255) }
```


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

```
.border{ border-color:rgb(238, 178, 255) }
```

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

Here you see how a box with a 4 pixel rgb(238, 178, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2303, 57.2379, 102.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 178, 255) }
```

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

```
.background{ background-color: rgb(238,  
178, 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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