

Converting Colors

XYZ(68.2454, 57.3331,
102.0772)

Have a look what the booklet for
XYZ(68.2454, 57.3331, 102.0772)
contains.

XYZ(68.3029, 57.3549, 102.0784)	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(68.3029, 57.3549,
102.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB4FF
RGB	234, 180, 255
RGB Percent	92%, 71%, 100%
CMY	0.0823, 0.2941, 0.0000
CMYK	0.08, 0.29, 0.00, 0.00
HSL	283°, 100%, 85%
HSV	283°, 29%, 100%
XYZ	68.3029, 57.3549, 102.0784
YIQ	204.6960, 8.1090, 34.7730

Conversions

Conversions Part 2

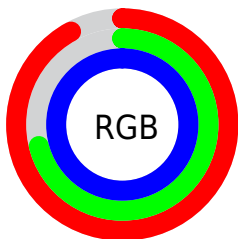
Format	Color
RYB	234, 180, 255
Decimal	15381759
CIELab	80.38, 32.43, -29.57
CIELCh	80, 43.889, 317.637
Yxy	57.3549, 0.2999, 0.2518
Android (android.graphics.Color)	4293571839 (0xFFEAB4FF)
YUV	204.6960, 24.7999, 25.6996
Hunter-Lab	75.7330, 28.4547, -26.9022

Details

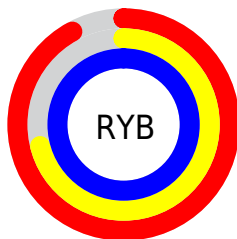
The XYZ color **68.3029, 57.3549, 102.0784** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.0869, 87.2334, 56.4318**, and the grayscale version is **57.6807, 60.6846, 66.0855**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **35.9139, 28.6031, 57.0542** is the 20% darker color. If you saturate the color by 10%, you get **61.3242, 46.8067, 100.4102**, and if you desaturate by 10%, it is **76.3264, 69.8504, 104.0674**.

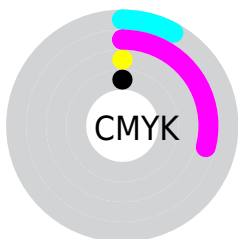
Distribution



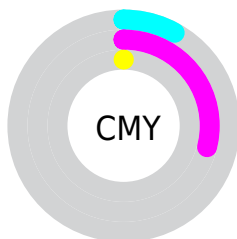
- Red (92%)
- Green (71%)
- Blue (100%)



- Red (92%)
- Yellow (71%)
- Blue (100%)



- Cyan (8%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3029, 57.3549, 102.0784 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 68.3029, 57.3549, 102.0784 by changing the saturation by 10% instead.


 68.3029, 57.3549,
102.0784

 68.3029, 57.3549,
102.0784

443.9284,
414.7778, 588.1394

 50.4188, 41.2902,
77.4109


 115.8249,
100.9828, 166.0872

 35.9654, 28.5459,
57.0766


146.1935,
129.3149, 206.2655

 24.5775, 18.7376,
40.6570


181.4542,
162.5049, 252.4513

 15.8896, 11.4808,
27.7335

221.9725,
200.9373, 305.0629

 9.5364, 6.3912,
17.8876

268.1138,
244.9964, 364.5190

 5.1526, 3.0844,
10.7007

320.2432,

 2.3727, 1.1760,

295.0665, 431.2381

5.7543

378.7263,
351.5322, 505.6387

■ 0.8315, 0.0419,
2.6299

■ 0.0000, 0.0000,
0.9078

■ 68.3029, 57.3549,
102.0784

■ 68.3029, 57.3549,
102.0784

■ 61.3242, 46.8067,
100.4102

■ 76.3264, 69.8504,
104.0674

■ 55.3321, 38.0942,
99.0443

■ 85.4386, 84.3826,
106.3921

■ 50.2703, 31.1050,
97.9621

95.0500, 100.0000,
108.9000

■ 46.0739, 25.7117,
97.1422

■ 42.6693, 21.7683,
96.5605

■ 39.9690, 19.1016,
96.1881

■ 37.8391, 17.4459,
95.9808

■ 37.7219, 17.3613,
95.9706

Harmonies

Analogous

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



59.9183, 57.3549, 122.4715



68.3029, 57.3549, 102.0784



73.1928, 57.3549, 73.6549

Triad

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



68.3029, 57.3549, 102.0784



58.2978, 57.3549, 25.5126



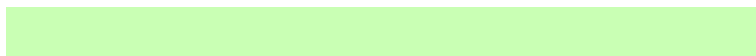
39.6506, 57.3549, 78.6735

Complementary

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



68.3029, 57.3549, 102.0784



68.0869, 87.2334, 56.4318

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.



39.3188, 57.3549, 52.4429



68.3029, 57.3549, 102.0784



49.4451, 57.3549, 26.1669

Square

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



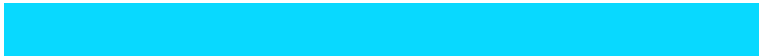
68.3029, 57.3549, 102.0784



67.0049, 57.3549, 32.5590



42.7184, 57.3549, 34.6891



43.6810, 57.3549, 106.6108

Rectangle

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



68.3029, 57.3549, 102.0784



73.4943, 57.3549, 56.1021



42.7184, 57.3549, 34.6891



39.1201, 57.3549, 69.2589

Sweetspot

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



68.3046, 57.3573, 102.0788



85.8360, 85.0230, 106.4948



57.8193, 58.8155, 102.9129



18.0723, 17.7152, 22.7168



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.



68.3046, 57.3573, 102.0788



64.2774, 51.2264, 101.1076



73.1055, 60.1218, 89.2203



18.2678, 18.0298, 22.7672



19.8634, 9.1504, 50.1539



2.0405, 0.9459, 4.8883

Inverse Universe

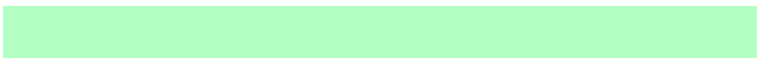
The Inverse Universe completely reimagines the original color for something new.



68.1052, 58.1217, 62.8893



64.2061, 52.1917, 55.8299



64.5763, 85.2210, 65.4220



18.2184, 18.0707, 19.7672



22.2041, 11.3709, 4.4592



2.2061, 1.1248, 0.6667

Previews

White Background



This preview shows how the XYZ color 68.3029, 57.3549, 102.0784 looks on a white background.

Color Contrast Check

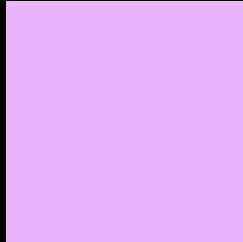
Large Text (above 18pt) WCAG AA × Fail

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 68.3029, 57.3549, 102.0784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

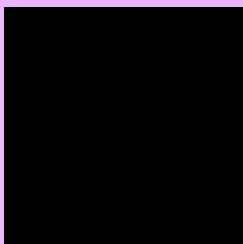
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3029, 57.3549, 102.0784

Background



This preview shows how black text looks on a background with the XYZ color 68.3029, 57.3549, 102.0784.

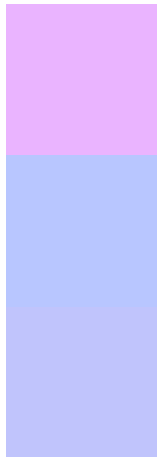


This preview shows how white text looks on a background with the XYZ color 68.3029, 57.3549,

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

68.3029, 57.3549, 102.0784

Protanopia

58.0112, 57.7985, 102.7064

Deuteranopia

59.0488, 57.7146, 100.1233



Tritanopia

60.7969, 57.4034, 65.6332

Trichromacy



Original Color

68.3029, 57.3549, 102.0784



Protanomaly

61.0379, 57.0382, 102.4002



Deuteranomaly

61.8752, 57.1842, 100.7050

Tritanomaly

63.1913, 57.1035, 77.5036

Monochromacy



Original Color

68.3029, 57.3549, 102.0784



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.3781, 59.4065, 78.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3029, 57.3549, 102.0784 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(234, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 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(234, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.3029, 57.3549, 102.0784 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(234, 180, 255) }
```


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

```
.border{ border-color:rgb(234, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3029, 57.3549, 102.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 255) }
```

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

```
.background{ background-color: rgb(234,  
180, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor