

Converting Colors

XYZ(67.1778, 58.9997, 99.1142)

Have a look what the booklet for XYZ(67.1778, 58.9997, 99.1142) contains.

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Color

**XYZ(67.1778, 58.9997,
99.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BBFB
RGB	228, 187, 251
RGB Percent	89%, 73%, 98%
CMY	0.1059, 0.2666, 0.0157
CMYK	0.09, 0.25, 0.00, 0.02
HSL	278°, 89%, 86%
HSV	278°, 25%, 98%
XYZ	67.1778, 58.9997, 99.1142
YIQ	206.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

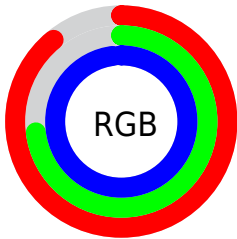
Format	Color
R _Y B	228, 187, 251
Decimal	14990331
CIE Lab	81.29, 26.02, -26.09
CIE LCh	81, 36.846, 314.929
Yxy	58.9997, 0.2982, 0.2619
Android (android.graphics.Color)	4293180411 (0xFFE4BBFB)
YUV	206.5550, 21.9114, 18.8073
Hunter-Lab	76.8113, 21.6933, -22.7376

Details

The XYZ color **67.1778, 58.9997, 99.1142** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0473, 86.2854, 59.9794**, and the grayscale version is **58.8857, 61.9523, 67.4660**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **35.1384, 29.4408, 54.8696** is the 20% darker color. If you saturate the color by 10%, you get **59.5242, 47.8295, 97.3624**, and if you desaturate by 10%, it is **75.9151, 72.1131, 101.1857**.

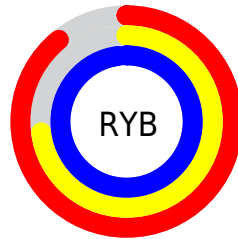
Distribution



Red (89%)

Green (73%)

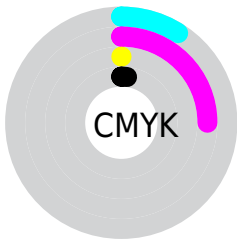
Blue (98%)



Red (89%)

Yellow (73%)

Blue (98%)

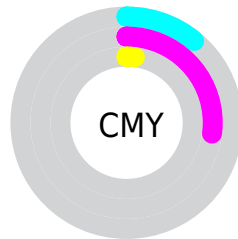


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1778, 58.9997, 99.1142 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 67.1778, 58.9997, 99.1142 by changing the saturation by 10% instead.

67.1778, 58.9997,
99.1142

67.1778, 58.9997,
99.1142

439.9999,
420.9008, 578.5714

49.5004, 42.6129,
74.9482

114.2235,
103.3772, 161.9806

35.2327, 29.5815,
55.0690

144.3225,
132.1367, 201.5181

24.0096, 19.5211,
39.0580

179.2928,
165.7892, 247.0165

15.4655, 12.0474,
26.4967

219.4996,
204.7192, 298.8944

9.2352, 6.7760,
16.9665

265.3084,
249.3109, 357.5703

4.9532, 3.3224,
10.0489

317.0845,

2.2543, 1.3023,

299.9488, 423.4627

5.3254

375.1932,
357.0173, 496.9902

■ 0.7711, 0.1430,
2.3773

■ 0.0000, 0.0000,
0.7741

■ 67.1778, 58.9997,
99.1142

■ 67.1778, 58.9997,
99.1142

■ 59.5242, 47.8295,
97.3624

■ 75.9151, 72.1131,
101.1857

■ 52.8979, 38.4969,
95.9103

■ 85.7776, 87.2530,
103.5882

■ 47.2457, 30.8976,
94.7414

■ 94.4128, 99.7451,
105.5443

■ 42.5069, 24.9136,
93.8361

■ 38.6130, 20.4116,
93.1724

■ 35.4844, 17.2362,
92.7244

■ 33.0234, 15.1956,
92.4602

■ 32.0695, 14.5209,
92.3803

Harmonies

Analogous

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



59.9724, 58.9997, 114.4407



67.1778, 58.9997, 99.1142



71.5957, 58.9997, 75.8884

Triad

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



67.1778, 58.9997, 99.1142



60.0093, 58.9997, 31.4207



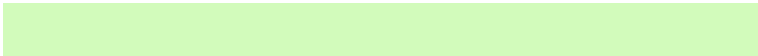
42.9731, 58.9997, 75.7755

Complementary

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



67.1778, 58.9997, 99.1142



70.0473, 86.2854, 59.9794

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.



42.9810, 58.9997, 53.8502



67.1778, 58.9997, 99.1142



52.3549, 58.9997, 31.4039

Square

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



67.1778, 58.9997, 99.1142



67.2069, 58.9997, 38.7417



46.2726, 58.9997, 38.6889



46.2499, 58.9997, 99.0155

Rectangle

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



67.1778, 58.9997, 99.1142



72.1311, 58.9997, 60.6714



46.2726, 58.9997, 38.6889



42.6022, 58.9997, 67.9472

Sweetspot

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



67.1797, 59.0022, 99.1155



86.2379, 86.3038, 106.7208



61.0704, 63.8563, 100.3744



18.1223, 17.9548, 22.7604



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.



67.1797, 59.0022, 99.1155



65.1151, 54.5155, 101.6983



73.6529, 62.4912, 92.5537



17.3526, 17.1944, 21.7896



17.0217, 7.7177, 48.5661



1.6922, 0.7744, 4.5035

Inverse Universe

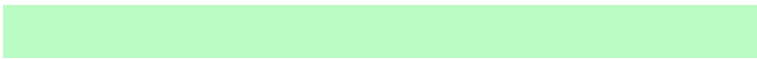
The Inverse Universe completely reimagines the original color for something new.



69.1888, 60.7056, 69.0462



67.6978, 56.6680, 64.7229



64.9035, 83.5250, 64.6503



17.5023, 17.3283, 19.2351



21.9497, 11.1956, 6.4435



2.0816, 1.0564, 0.8530

Previews

White Background



This preview shows how the XYZ color 67.1778, 58.9997, 99.1142 looks on a white background.

Color Contrast Check

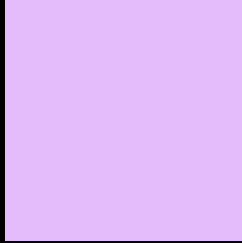
Large Text (above 18pt) WCAG AA × Fail

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 67.1778, 58.9997, 99.1142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

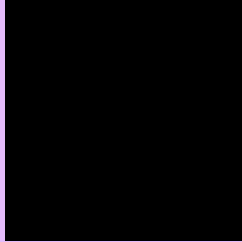
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1778, 58.9997, 99.1142

Background



This preview shows how black text looks on a background with the XYZ color 67.1778, 58.9997, 99.1142.

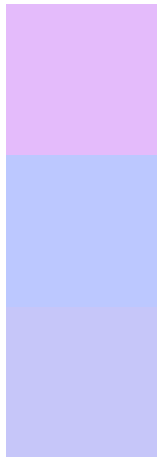


This preview shows how white text looks on a background with the XYZ color 67.1778, 58.9997,

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

67.1778, 58.9997, 99.1142

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.5817, 59.2335, 97.8627



Tritanopia

61.2722, 59.2130, 69.1726

Trichromacy



Original Color

67.1778, 58.9997, 99.1142

Protanomaly

62.0331, 58.8825, 101.8619

Deuteranomaly

62.8416, 59.0410, 98.5264

Tritanomaly

63.1807, 58.9828, 79.2890

Monochromacy



Original Color

67.1778, 58.9997, 99.1142

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.9979, 61.0833, 78.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1778, 58.9997, 99.1142 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(228, 187, 251)` looks like.

```
.text, #text, p{  
    color:rgb(228, 187, 251)  
}
```

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(228, 187, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 187, 251) }
```

Border

The CSS property to change the border of an element to XYZ 67.1778, 58.9997, 99.1142 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(228, 187, 251) }
```


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

```
.border{ border-color:rgb(228, 187, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 187, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 187, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 187, 251);  
box-shadow:4px 4px 4px 4px rgb(228, 187,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1778, 58.9997, 99.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 187, 251) }
```

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

```
.background{ background-color: rgb(228,  
187, 251) }
```

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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