

Converting Colors

XYZ(67.3573, 59.3142, 98.6053)

Have a look what the booklet for
XYZ(67.3573, 59.3142, 98.6053)
contains.

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Color

**XYZ(67.2334, 59.3625,
98.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BCFA
RGB	228, 188, 250
RGB Percent	89%, 74%, 98%
CMY	0.1059, 0.2627, 0.0196
CMYK	0.09, 0.25, 0.00, 0.02
HSL	279°, 86%, 86%
HSV	279°, 25%, 98%
XYZ	67.2334, 59.3625, 98.3570
YIQ	207.0280, 3.9380, 27.7620

Conversions

Conversions Part 2

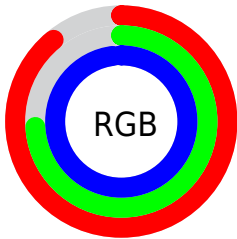
Format	Color
R _Y B	228, 188, 250
Decimal	14990586
CIE Lab	81.49, 25.29, -25.25
CIE LCh	81, 35.734, 315.044
Yxy	59.3625, 0.2989, 0.2639
Android (android.graphics.Color)	4293180666 (0xFFE4BCFA)
YUV	207.0280, 21.1852, 18.3924
Hunter-Lab	77.0471, 20.9317, -21.7557

Details

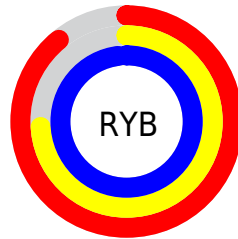
The XYZ color **67.2334, 59.3625, 98.3570** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8431, 85.7052, 60.4413**, and the grayscale version is **59.1939, 62.2766, 67.8192**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **35.1640, 29.6711, 54.3258** is the 20% darker color. If you saturate the color by 10%, you get **59.6063, 48.1786, 96.6012**, and if you desaturate by 10%, it is **75.9337, 72.4759, 100.4305**.

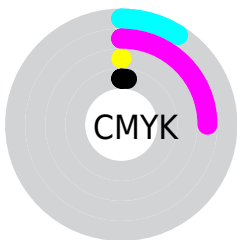
Distribution



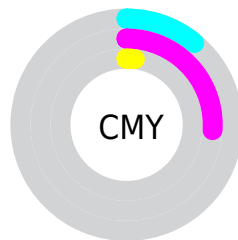
- Red (89%)
- Green (74%)
- Blue (98%)



- Red (89%)
- Yellow (74%)
- Blue (98%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (26%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2334, 59.3625, 98.3570 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 67.2334, 59.3625, 98.3570 by changing the saturation by 10% instead.

67.2334, 59.3625,
98.3570

67.2334, 59.3625,
98.3570

440.1945,
422.2440, 576.1137

49.5457, 42.9050,
74.3199

114.3027,
103.9043, 160.9296

35.2689, 29.8106,
54.5575

144.4151,
132.7575, 200.3022

24.0376, 19.6949,
38.6514

179.3998,
166.5112, 245.6237

15.4864, 12.1734,
26.1829

219.6220,
205.5501, 297.3127

9.2500, 6.8619,
16.7335

265.4473,
250.2584, 355.7876

4.9630, 3.3759,
9.8847

317.2409,

2.2601, 1.3310,

301.0205, 421.4671

5.2180

375.3682,
358.2209, 494.7696

■ 0.7741, 0.1650,
2.3148

■ 0.0000, 0.0000,
0.7395

■ 67.2334, 59.3625,
98.3570

■ 67.2334, 59.3625,
98.3570

■ 59.6063, 48.1786,
96.6012

■ 75.9337, 72.4759,
100.4305

■ 52.9969, 38.8203,
95.1432

■ 85.7479, 87.6009,
102.8326

■ 47.3531, 31.1849,
93.9669

■ 94.1142, 99.6094,
104.7096

■ 42.6150, 25.1565,
93.0530

■ 94.2555, 99.6822,
104.7162

■ 38.7157, 20.6044,
92.3799

■ 35.5774, 17.3766,
91.9223

■ 33.1051, 15.2867,
91.6492

■ 32.0118, 14.5093,
91.5568

Harmonies

Analogous

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



60.2414, 59.3625, 113.1790



67.2334, 59.3625, 98.3570



71.5025, 59.3625, 75.8690

Triad

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



67.2334, 59.3625, 98.3570



60.2192, 59.3625, 32.4289



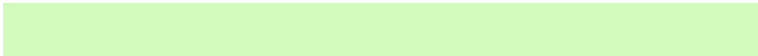
43.6319, 59.3625, 75.9368

Complementary

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



67.2334, 59.3625, 98.3570



69.8431, 85.7052, 60.4413

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.



43.6271, 59.3625, 54.5698



67.2334, 59.3625, 98.3570



52.7681, 59.3625, 32.4392

Square

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



67.2334, 59.3625, 98.3570



67.2159, 59.3625, 39.6326



46.8371, 59.3625, 39.6648



46.8508, 59.3625, 98.4160

Rectangle

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



67.2334, 59.3625, 98.3570



72.0094, 59.3625, 61.0788



46.8371, 59.3625, 39.6648



43.2643, 59.3625, 68.3281

Sweetspot

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



67.2353, 59.3650, 98.3583



87.3256, 87.9537, 106.9819



61.2247, 64.0520, 99.5798



18.5547, 18.6142, 22.8649



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.



67.2353, 59.3650, 98.3583



66.0187, 55.7303, 101.8852



73.3962, 62.6876, 92.0273



17.3605, 17.1985, 21.7899



17.1421, 7.7798, 48.5717



1.7028, 0.7799, 4.5040

Inverse Universe

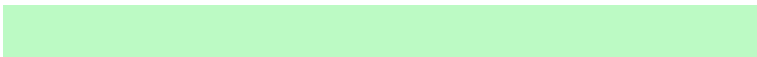
The Inverse Universe completely reimagines the original color for something new.



69.0424, 60.9461, 69.1002



68.3576, 57.7392, 65.7091



64.9209, 83.0618, 64.9973



17.4990, 17.3270, 19.2175



21.9238, 11.1853, 6.3073



2.0789, 1.0553, 0.8389

Previews

White Background



This preview shows how the XYZ color 67.2334, 59.3625, 98.3570 looks on a white background.

Color Contrast Check

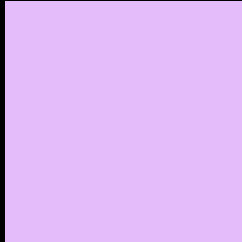
Large Text (above 18pt) WCAG AA × Fail

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 67.2334, 59.3625, 98.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

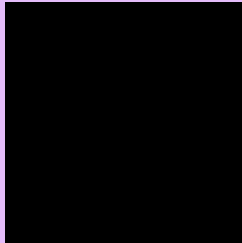
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2334, 59.3625, 98.3570

Background



This preview shows how black text looks on a background with the XYZ color 67.2334, 59.3625, 98.3570.



This preview shows how white text looks on a background with the XYZ color 67.2334, 59.3625,

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

67.2334, 59.3625, 98.3570

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

60.9568, 59.4448, 97.0682



Tritanopia

61.3972, 59.2630, 69.8309

Trichromacy



Original Color

67.2334, 59.3625, 98.3570

Protanomaly

62.0982, 59.2682, 101.0955

Deuteranomaly

62.9690, 59.1248, 97.7159

Tritanomaly

63.1807, 58.9828, 79.2890

Monochromacy



Original Color

67.2334, 59.3625, 98.3570

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 67.2334, 59.3625, 98.3570 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, 188, 250)` looks like.

```
.text, #text, p{  
    color:rgb(228, 188, 250)  
}
```

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, 188, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 188, 250) }
```

Border

The CSS property to change the border of an element to XYZ 67.2334, 59.3625, 98.3570 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, 188, 250) }
```


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

```
.border{ border-color:rgb(228, 188, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 188, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 188, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 188, 250);  
box-shadow:4px 4px 4px 4px rgb(228, 188,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2334, 59.3625, 98.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 188, 250) }
```

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

```
.background{ background-color: rgb(228,  
188, 250) }
```

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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