

Converting Colors

XYZ(69.3687, 57.0150,
101.9566)

Have a look what the booklet for
XYZ(69.3687, 57.0150, 101.9566)
contains.

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Color

**XYZ(69.3687, 57.0150,
101.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB1FF
RGB	239, 177, 255
RGB Percent	94%, 69%, 100%
CMY	0.0627, 0.3059, 0.0000
CMYK	0.06, 0.31, 0.00, 0.00
HSL	288°, 100%, 85%
HSV	288°, 31%, 100%
XYZ	69.3687, 57.0150, 101.9566
YIQ	204.4300, 11.9140, 37.4020

Conversions

Conversions Part 2

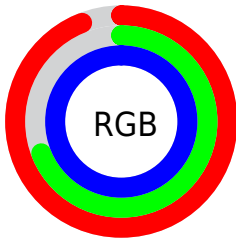
Format	Color
R_{YB}	239, 177, 255
Decimal	15708671
CIE _{Lab}	80.19, 35.57, -29.82
CIE _{LCh}	80, 46.418, 320.020
Yxy	57.0150, 0.3038, 0.2497
Android (android.graphics.Color)	4293898751 (0xFFEFB1FF)
YUV	204.4300, 24.9310, 30.3179
Hunter-Lab	75.5083, 31.8467, -27.2017

Details

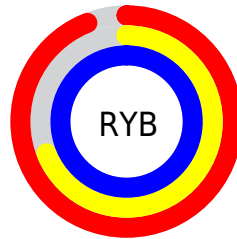
The XYZ color **69.3687, 57.0150, 101.9566** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.6895, 86.0324, 54.7414**, and the grayscale version is **57.5099, 60.5049, 65.8898**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **36.6921, 28.4376, 56.9812** is the 20% darker color. If you saturate the color by 10%, you get **63.0547, 46.9699, 100.3505**, and if you desaturate by 10%, it is **76.6782, 68.9732, 103.8795**.

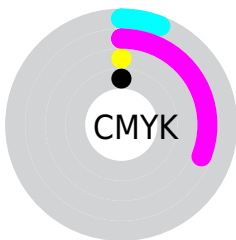
Distribution



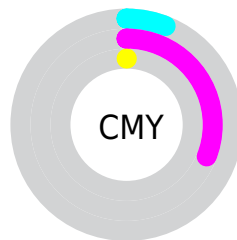
- Red (94%)
- Green (69%)
- Blue (100%)



- Red (94%)
- Yellow (69%)
- Blue (100%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3687, 57.0150, 101.9566 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 69.3687, 57.0150, 101.9566 by changing the saturation by 10% instead.

69.3687, 57.0150,
101.9566

69.3687, 57.0150,
101.9566

447.6313,
413.5055, 587.7478

51.2898, 41.0173,
77.3096

117.3392,
100.4871, 165.9187

36.6613, 28.3326,
56.9939

147.9615,
128.7302, 206.0709

25.1178, 18.5765,
40.5911

183.4957,
161.8240, 252.2285

16.2940, 11.3647,
27.6824

224.3070,
200.1527, 304.8102

9.8246, 6.3127,
17.8494

270.7609,
244.1008, 364.2344

5.3442, 3.0361,
10.6736

323.2227,

2.4874, 1.1506,

294.0528, 430.9197

5.7364

382.0577,
350.3928, 505.2847

■ 0.8889, 0.0208,
2.6193

■ 0.0000, 0.0000,
0.9024

■ 69.3687, 57.0150,
101.9566

■ 69.3687, 57.0150,
101.9566

■ 63.0547, 46.9699,
100.3505

■ 76.6782, 68.9732,
103.8795

■ 57.6783, 38.7256,
99.0426

■ 85.0270, 82.9346,
106.1343

■ 53.1829, 32.1689,
98.0139

94.4623, 98.9919,
108.7364

■ 49.5037, 27.1706,
97.2431

95.0500, 100.0000,
108.9000

■ 46.5664, 23.5827,
96.7053

■ 44.2821, 21.2282,
96.3713

■ 42.5955, 19.8737,
96.1987

Harmonies

Analogous

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



60.6640, 57.0150, 125.0656



69.3687, 57.0150, 101.9566



74.1660, 57.0150, 71.5589

Triad

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



69.3687, 57.0150, 101.9566



57.4071, 57.0150, 23.5930



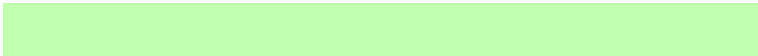
38.8255, 57.0150, 81.6895

Complementary

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



69.3687, 57.0150, 101.9566



65.6895, 86.0324, 54.7414

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.



38.1692, 57.0150, 53.4768



69.3687, 57.0150, 101.9566



48.1957, 57.0150, 24.8535

Square

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



69.3687, 57.0150, 101.9566



66.7471, 57.0150, 30.0908



41.4064, 57.0150, 34.2491



43.3175, 57.0150, 111.2017

Rectangle

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



69.3687, 57.0150, 101.9566



74.1633, 57.0150, 53.4447



41.4064, 57.0150, 34.2491



38.1709, 57.0150, 71.5979

Sweetspot

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



69.3704, 57.0174, 101.9570



86.4499, 85.3395, 106.5235



55.4531, 55.1086, 102.3221



18.2242, 17.7936, 22.7239



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.



69.3704, 57.0174, 101.9570



65.2088, 50.3601, 100.8913



71.6571, 58.5839, 84.5481



18.4063, 18.1012, 22.7737



22.3843, 10.4500, 50.2719



2.2672, 1.0627, 4.8989

Inverse Universe

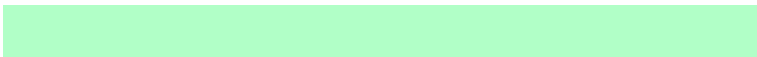
The Inverse Universe completely reimagines the original color for something new.



66.5892, 56.5568, 57.8610



62.1623, 49.9230, 49.5414



64.2135, 84.9961, 67.1175



18.1617, 18.0480, 19.4688



21.9188, 11.2568, 2.9569



2.1713, 1.1109, 0.4833

Previews

White Background



This preview shows how the XYZ color 69.3687, 57.0150, 101.9566 looks on a white background.

Color Contrast Check

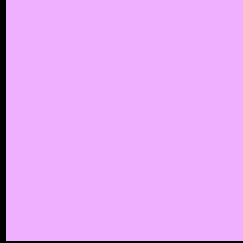
Large Text (above 18pt) WCAG AA × Fail

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 69.3687, 57.0150, 101.9566 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 69.3687, 57.0150, 101.9566

Background



This preview shows how black text looks on a background with the XYZ color 69.3687, 57.0150, 101.9566.



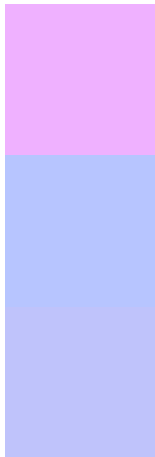
This preview shows how white text looks on a background with the XYZ color 69.3687, 57.0150,

101.9566.

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

69.3687, 57.0150, 101.9566

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.4136, 57.0716, 99.2040



Tritanopia

61.3860, 56.7938, 63.6040

Trichromacy



Original Color

69.3687, 57.0150, 101.9566



Protanomaly

61.0921, 56.7434, 102.3404



Deuteranomaly

61.5663, 56.4046, 99.7377



Tritanomaly

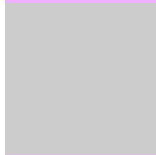
63.9163, 56.5799, 75.9589

Monochromacy



Original Color

69.3687, 57.0150, 101.9566



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.2263, 58.6630, 77.9082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3687, 57.0150, 101.9566 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(239, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 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(239, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.3687, 57.0150, 101.9566 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(239, 177, 255) }
```


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

```
.border{ border-color:rgb(239, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3687, 57.0150, 101.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 255) }
```

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

```
.background{ background-color: rgb(239,  
177, 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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