

Converting Colors

XYZ(76.0514, 58.0938,
138.8326)

Have a look what the booklet for
XYZ(76.0514, 58.0938, 138.8326)
contains.

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Color

**XYZ(69.0782, 55.4258,
101.6652)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1ACFF |
| RGB | 241, 172, 255 |
| RGB Percent | 95%, 67%, 100% |
| CMY | 0.0549, 0.3255, 0.0000 |
| CMYK | 0.05, 0.33, 0.00, 0.00 |
| HSL | 290°, 100%, 84% |
| HSV | 290°, 33%, 100% |
| XYZ | 69.0782, 55.4258, 101.6652 |
| YIQ | 202.0930, 14.4810, 40.4410 |

Conversions

Conversions Part 2

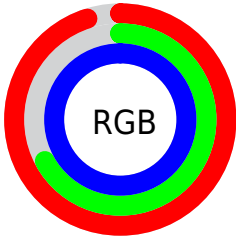
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 241, 172, 255 |
| Decimal | 15838463 |
| CIE Lab | 79.29, 38.83, -31.19 |
| CIE LCh | 79, 49.806, 321.222 |
| Yxy | 55.4258, 0.3054, 0.2451 |
| Android (android.graphics.Color) | 4294028543 (0xFFF1ACFF) |
| YUV | 202.0930, 26.0832, 34.1214 |
| Hunter-Lab | 74.4485, 35.3391, -28.8511 |

Details

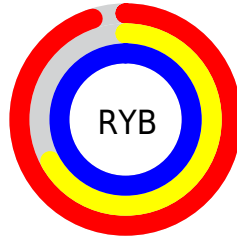
The XYZ color **69.0782, 55.4258, 101.6652** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **63.4573, 84.9382, 52.0824**, and the grayscale version is **56.0346, 58.9528, 64.1996**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **36.5570, 27.4612, 56.7999** is the 20% darker color. If you saturate the color by 10%, you get **63.2323, 45.8870, 100.1321**, and if you desaturate by 10%, it is **75.8931, 66.8493, 103.5109**.

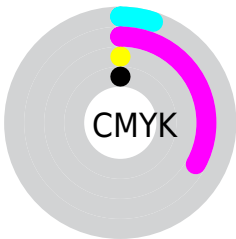
Distribution



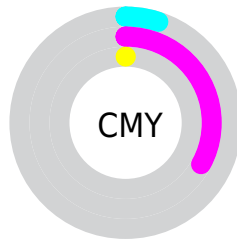
- Red (95%)
- Green (67%)
- Blue (100%)



- Red (95%)
- Yellow (67%)
- Blue (100%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0782, 55.4258, 101.6652 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 69.0782, 55.4258, 101.6652 by changing the saturation by 10% instead.

69.0782, 55.4258,
101.6652

69.0782, 55.4258,
101.6652

446.6238,
407.5240, 586.8106

51.0523, 39.7427,
77.0673

116.9267, 98.1645,
165.5155

36.4714, 27.3380,
56.7962

147.4800,
125.9890, 205.6049

24.9703, 17.8272,
40.4334

182.9398,
158.6294, 251.6954

16.1835, 10.8260,
27.5603

223.6715,
196.4701, 304.2053

9.7458, 5.9500,
17.7583

270.0404,
239.8955, 363.5532

5.2917, 2.8147,
10.6090

322.4118,

2.4559, 1.0358,

289.2900, 430.1577

5.6937

381.1512,
345.0380, 504.4373

■ 0.8731, 0.0000,
2.5940

■ 0.0000, 0.0000,
0.8893

■ 69.0782, 55.4258,
101.6652

■ 69.0782, 55.4258,
101.6652

■ 63.2323, 45.8870,
100.1321

■ 75.8931, 66.8493,
103.5109

■ 58.2969, 38.1189,
98.8928

■ 83.7215, 80.2489,
105.6847

■ 54.2144, 32.0060,
97.9281

■ 92.6110, 95.7186,
108.2022

■ 50.9186, 27.4161,
97.2159

■ 95.0500, 100.0000,
108.9000

■ 48.3331, 24.1967,
96.7307

■ 46.3653, 22.1629,
96.4419

■ 45.1990, 21.2158,
96.3206

Harmonies

Analogous

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



59.9270, 55.4258, 127.3356



69.0782, 55.4258, 101.6652



73.9817, 55.4258, 69.1186

Triad

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



69.0782, 55.4258, 101.6652



55.6596, 55.4258, 20.7341



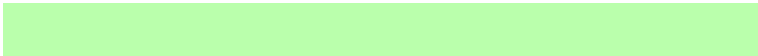
36.7587, 55.4258, 82.4779

Complementary

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



69.0782, 55.4258, 101.6652



63.4573, 84.9382, 52.0824

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.



35.9193, 55.4258, 52.3550



69.0782, 55.4258, 101.6652



46.0431, 55.4258, 22.2817

Square

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



69.0782, 55.4258, 101.6652



65.6183, 55.4258, 26.8764



39.1078, 55.4258, 32.0873



41.5660, 55.4258, 114.0478

Rectangle

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



69.0782, 55.4258, 101.6652



73.8038, 55.4258, 50.2852



39.1078, 55.4258, 32.0873



36.0294, 55.4258, 71.6738

Sweetspot

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



69.0798, 55.4281, 101.6655



85.8832, 83.9891, 106.2927



52.8816, 51.6256, 101.7853



18.1254, 17.5318, 22.6786



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.



69.0798, 55.4281, 101.6655



65.1992, 49.0626, 100.6414



70.0970, 56.4084, 81.1161



18.4743, 18.1362, 22.7769



23.7284, 11.1429, 50.3348



2.3864, 1.1242, 4.9045

Inverse Universe

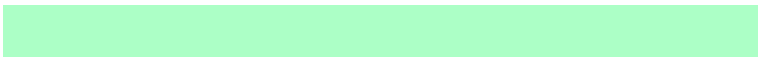
The Inverse Universe completely reimagines the original color for something new.



64.8567, 54.3123, 53.5210



60.5306, 47.8772, 45.2436



63.0005, 84.3817, 66.5665



18.1344, 18.0371, 19.3247



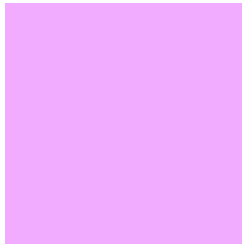
21.8130, 11.2145, 2.3998



2.1571, 1.1052, 0.4088

Previews

White Background



This preview shows how the XYZ color 69.0782, 55.4258, 101.6652 looks on a white background.

Color Contrast Check

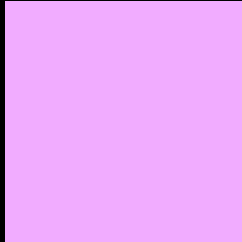
Large Text (above 18pt) WCAG AA × Fail

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 69.0782, 55.4258, 101.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

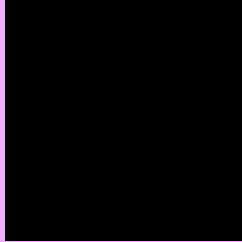
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0782, 55.4258, 101.6652

Background



This preview shows how black text looks on a background with the XYZ color 69.0782, 55.4258, 101.6652.



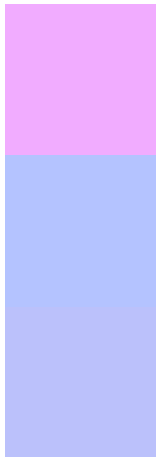
This preview shows how white text looks on a background with the XYZ color 69.0782, 55.4258,

101.6652.

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

69.0782, 55.4258, 101.6652

Protanopia

56.3875, 55.9535, 102.4359

Deuteranopia

56.9761, 55.6698, 99.0092



Tritanopia

60.7308, 55.2678, 60.8930

Trichromacy



Original Color

69.0782, 55.4258, 101.6652



Protanomaly

60.1774, 55.3172, 102.1133



Deuteranomaly

60.6518, 54.9916, 99.5132



Tritanomaly

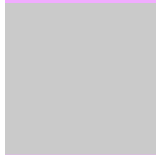
63.4984, 55.1875, 74.3234

Monochromacy



Original Color

69.0782, 55.4258, 101.6652



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

60.0008, 57.0810, 76.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0782, 55.4258, 101.6652 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(241, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 172, 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(241, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.0782, 55.4258, 101.6652 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(241, 172, 255) }
```


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

```
.border{ border-color:rgb(241, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0782, 55.4258, 101.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 172, 255) }
```

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

```
.background{ background-color: rgb(241,  
172, 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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