

Converting Colors

XYZ(68.4527, 54.6392, 75.8836)

Have a look what the booklet for
XYZ(68.4527, 54.6392, 75.8836)
contains.

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Color

**XYZ(68.4274, 54.5392,
76.0278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8DE
RGB	255, 168, 222
RGB Percent	100%, 66%, 87%
CMY	0.0000, 0.3412, 0.1294
CMYK	0.00, 0.34, 0.13, 0.00
HSL	323°, 100%, 83%
HSV	323°, 34%, 100%
XYZ	68.4274, 54.5392, 76.0278
YIQ	200.1690, 34.5180, 35.2380

Conversions

Conversions Part 2

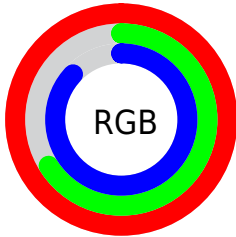
Format	Color
R _Y B	255, 168, 222
Decimal	16754910
CIE Lab	78.78, 39.61, -14.03
CIE LCh	79, 42.023, 340.500
Yxy	54.5392, 0.3439, 0.2741
Android (android.graphics.Color)	4294944990 (0xFFFFA8DE)
YUV	200.1690, 10.7627, 48.0868
Hunter-Lab	73.8507, 36.1531, -9.3424

Details

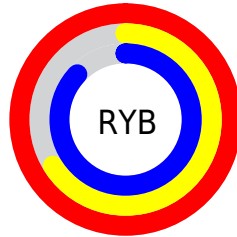
The XYZ color **68.4274, 54.5392, 76.0278** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.4530, 84.0628, 68.1957**, and the grayscale version is **54.9260, 57.7864, 62.9294**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **36.0183, 26.6950, 39.8135** is the 20% darker color. If you saturate the color by 10%, you get **62.9136, 45.5270, 67.9763**, and if you desaturate by 10%, it is **74.9413, 65.4318, 84.7810**.

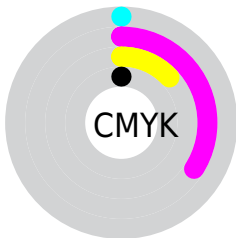
Distribution



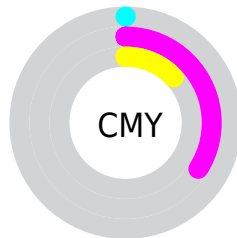
- Red (100%)
- Green (66%)
- Blue (87%)



- Red (100%)
- Yellow (66%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4274, 54.5392, 76.0278 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 68.4274, 54.5392, 76.0278 by changing the saturation by 10% instead.


 68.4274, 54.5392,
76.0278


 68.4274, 54.5392,
76.0278


444.3618,
404.1628, 500.7922

 50.5205, 39.0329,
55.9485


 116.0019, 96.8655,
129.5267

 36.0466, 26.7853,
39.7579


 146.4002,
124.4543, 163.7833

 24.6405, 17.4121,
27.0375

181.6930,
156.8393, 203.6028

 15.9367, 10.5287,
17.3687

222.2456,
194.4051, 249.4037

 9.5699, 5.7509,
10.3330

268.4235,
237.5359, 301.6046

 5.1748, 2.6942,
5.5118


320.5919,

 2.3860, 0.9743,


286.6162, 360.6239


2.4866

379.1162,
342.0304, 426.8803


 0.8381, 0.0000,
0.8331


 0.0000, 0.0000,
0.0000


 68.4274, 54.5392,
76.0278


 68.4274, 54.5392,
76.0278


 62.9136, 45.5270,
67.9763


 74.9413, 65.4318,
84.7810

 58.3405, 38.2794,
60.5986

 82.5022, 78.2979,
94.2555

 54.6482, 32.6785,
53.8691

 91.1589, 93.2327,
104.4740

 51.7681, 28.5890,
47.7587

95.0500, 100.0000,
108.9000

■ 49.6206, 25.8538,
42.2340

■ 48.1085, 24.2809,
37.2560

■ 47.4350, 23.7380,
34.5523

Harmonies

Analogous

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



62.9371, 54.5392, 101.4793



68.4274, 54.5392, 76.0278



69.2122, 54.5392, 51.4197

Triad

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



68.4274, 54.5392, 76.0278



48.9768, 54.5392, 24.7665



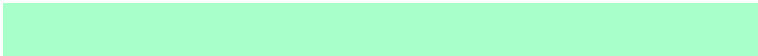
40.6000, 54.5392, 94.3854

Complementary

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



68.4274, 54.5392, 76.0278



62.4530, 84.0628, 68.1957

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.



37.6456, 54.5392, 68.1308



68.4274, 54.5392, 76.0278



42.1269, 54.5392, 30.9142

Square

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



68.4274, 54.5392, 76.0278



57.3634, 54.5392, 25.8197



38.1729, 54.5392, 45.3658



46.6791, 54.5392, 113.8876

Rectangle

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



68.4274, 54.5392, 76.0278



66.8796, 54.5392, 39.0336



38.1729, 54.5392, 45.3658



39.2396, 54.5392, 85.8046

Sweetspot

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



68.4287, 54.5416, 76.0289



85.9293, 84.1883, 98.3693



55.8476, 47.4937, 100.8315



18.1374, 17.5807, 20.7513



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.



68.4287, 54.5416, 76.0289



64.5280, 48.1405, 70.4113



63.4419, 52.5468, 49.7684



18.4834, 18.1767, 21.1629



24.8608, 12.4336, 18.4493



2.4738, 1.2319, 2.0766

Inverse Universe

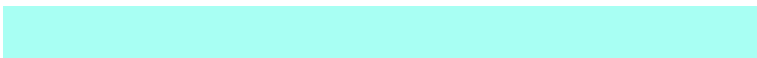
The Inverse Universe completely reimagines the original color for something new.



68.4287, 54.5416, 76.0289



64.5280, 48.1405, 70.4113



68.1481, 86.3408, 98.1854



18.4834, 18.1767, 21.1629



24.8608, 12.4336, 18.4493



2.4738, 1.2319, 2.0766

Previews

White Background



This preview shows how the XYZ color 68.4274, 54.5392, 76.0278 looks on a white background.

Color Contrast Check

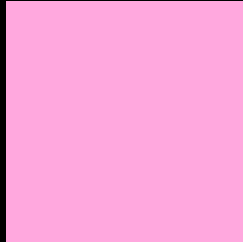
Large Text (above 18pt) WCAG AA × Fail

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 68.4274, 54.5392, 76.0278 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 68.4274, 54.5392, 76.0278

Background



This preview shows how black text looks on a background with the XYZ color 68.4274, 54.5392, 76.0278.



This preview shows how white text looks on a background with the XYZ color 68.4274, 54.5392,

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

68.4274, 54.5392, 76.0278

Protanopia

54.8794, 55.1299, 89.4100

Deuteranopia

55.9702, 54.7262, 73.9429



Tritanopia

63.9968, 54.4122, 54.7066

Trichromacy



Original Color

68.4274, 54.5392, 76.0278



Protanomaly

58.6353, 54.2828, 84.4780



Deuteranomaly

59.9456, 54.2583, 74.3313



Tritanomaly

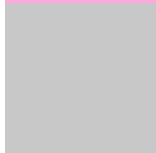
65.3227, 54.3706, 61.6953

Monochromacy



Original Color

68.4274, 54.5392, 76.0278



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.8836, 55.7361, 67.3292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4274, 54.5392, 76.0278 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(255, 168, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 222)  
}
```

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(255, 168, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 222) }
```

Border

The CSS property to change the border of an element to XYZ 68.4274, 54.5392, 76.0278 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(255, 168, 222) }
```


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

```
.border{ border-color:rgb(255, 168, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4274, 54.5392, 76.0278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 222) }
```

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

```
.background{ background-color: rgb(255,  
168, 222) }
```

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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