

Converting Colors

XYZ(62.3992, 49.2251, 74.3548)

Have a look what the booklet for
XYZ(62.3992, 49.2251, 74.3548)
contains.

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Color

**XYZ(62.5841, 49.4168,
74.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A0DD
RGB	243, 160, 221
RGB Percent	95%, 63%, 87%
CMY	0.0471, 0.3725, 0.1333
CMYK	0.00, 0.34, 0.09, 0.05
HSL	316°, 78%, 79%
HSV	316°, 34%, 95%
XYZ	62.5841, 49.4168, 74.6465
YIQ	191.7710, 29.8870, 36.5670

Conversions

Conversions Part 2

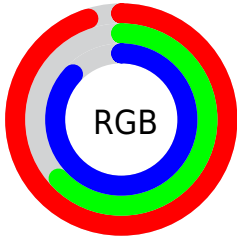
Format	Color
R _Y B	243, 160, 221
Decimal	15966429
CIE Lab	75.71, 39.69, -18.23
CIE LCh	76, 43.675, 335.328
Yxy	49.4168, 0.3353, 0.2648
Android (android.graphics.Color)	4294156509 (0xFF3A0DD)
YUV	191.7710, 14.4099, 44.9278
Hunter-Lab	70.2971, 35.8951, -13.7504

Details

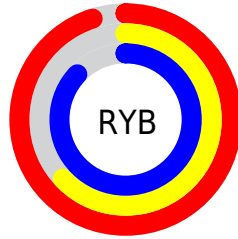
The XYZ color **62.5841, 49.4168, 74.6465** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.9934, 74.9536, 55.8282**, and the grayscale version is **49.8772, 52.4747, 57.1450**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **32.3903, 23.7077, 38.9453** is the 20% darker color. If you saturate the color by 10%, you get **57.9345, 41.4641, 68.9436**, and if you desaturate by 10%, it is **68.0929, 59.0336, 80.7993**.

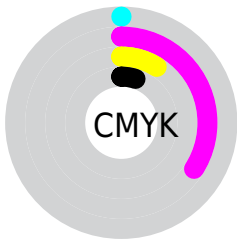
Distribution



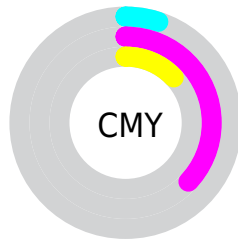
- Red (95%)
- Green (63%)
- Blue (87%)



- Red (95%)
- Yellow (63%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (5%)




- Cyan (5%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5841, 49.4168, 74.6465 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 62.5841, 49.4168, 74.6465 by changing the saturation by 10% instead.


 62.5841, 49.4168,
74.6465


 62.5841, 49.4168,
74.6465


423.7422,
384.3809, 495.9246

 45.7622, 34.9502,
54.8234


 107.6545, 89.3102,
127.5543

 32.2620, 23.6245,
38.8627

 136.6336,
115.5058, 161.4761

 21.7183, 15.0553,
26.3459


170.3960,
146.3798, 200.9345

 13.7655, 8.8582,
16.8545

209.3068,
182.3167, 246.3480

 8.0383, 4.6488,
9.9699

253.7315,
223.7009, 298.1353

 4.1715, 2.0427,
5.2737

304.0354,

 1.7996, 0.6321,

270.9167, 356.7148

2.3472

360.5838,
324.3486, 422.5050

■ 0.5174, 0.0000,
0.7575

■ 0.0000, 0.0000,
0.0000

■ 62.5841, 49.4168,
74.6465

■ 62.5841, 49.4168,
74.6465

■ 57.9345, 41.4641,
68.9436

■ 68.0929, 59.0336,
80.7993

■ 54.0910, 35.0724,
63.6696

■ 74.5010, 70.3966,
87.4156

■ 51.0017, 30.1373,
58.8057

■ 81.8514, 83.5902,
94.5120

■ 48.6062, 26.5392,
54.3302

■ 89.4750, 97.2759,
101.8672

■ 46.8349, 24.1388,
50.2178

■ 90.4853, 97.6800,
107.1873

■ 45.6023, 22.7665,
46.4382

■ 90.7725, 97.7949,
108.6998

■ 45.0575, 22.2929,
44.3575

Harmonies

Analogous

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



56.5589, 49.4168, 98.9958



62.5841, 49.4168, 74.6465



64.2380, 49.4168, 49.7719

Triad

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



62.5841, 49.4168, 74.6465



45.5384, 49.4168, 20.5027



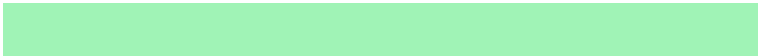
35.3782, 49.4168, 83.9258

Complementary

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



62.5841, 49.4168, 74.6465



54.9934, 74.9536, 55.8282

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.



33.1109, 49.4168, 58.0535



62.5841, 49.4168, 74.6465



38.5297, 49.4168, 25.0120

Square

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



62.5841, 49.4168, 74.6465



53.7721, 49.4168, 22.6091



34.1950, 49.4168, 37.2583



40.7657, 49.4168, 105.3428

Rectangle

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



62.5841, 49.4168, 74.6465



62.4930, 49.4168, 36.8978



34.1950, 49.4168, 37.2583



34.2559, 49.4168, 75.2228

Sweetspot

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



62.5856, 49.4190, 74.6475



86.3785, 84.3680, 100.7348



47.7482, 41.4089, 90.2709



18.2464, 17.6243, 21.3252



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.



62.5856, 49.4190, 74.6475



66.1230, 48.7785, 78.8105



57.8497, 47.5247, 49.7084



17.0151, 16.6889, 19.8262



24.7876, 12.2585, 24.6537



2.2209, 1.0943, 2.3896

Inverse Universe

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



62.5856, 49.4190, 74.6475



66.1230, 48.7785, 78.8105



59.7679, 76.8634, 80.9707



17.0151, 16.6889, 19.8262



24.7876, 12.2585, 24.6537



2.2209, 1.0943, 2.3896

Previews

White Background



This preview shows how the XYZ color 62.5841, 49.4168, 74.6465 looks on a white background.

Color Contrast Check

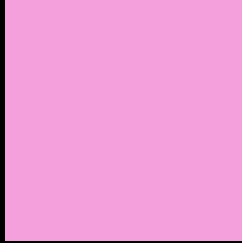
Large Text (above 18pt) WCAG AA × Fail

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 62.5841, 49.4168, 74.6465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

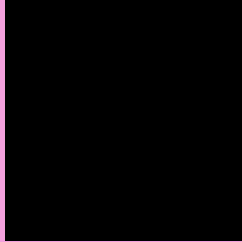
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5841, 49.4168, 74.6465

Background



This preview shows how black text looks on a background with the XYZ color 62.5841, 49.4168, 74.6465.



This preview shows how white text looks on a background with the XYZ color 62.5841, 49.4168,

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

62.5841, 49.4168, 74.6465

Protanopia

50.0152, 49.7552, 87.8566

Deuteranopia

50.7382, 49.5420, 72.5340



Tritanopia

57.5007, 49.4777, 49.6995

Trichromacy



Original Color

62.5841, 49.4168, 74.6465



Protanomaly

53.3795, 48.8826, 82.9658



Deuteranomaly

54.3693, 49.0357, 72.9289



Tritanomaly

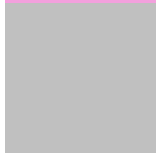
59.2406, 49.3757, 58.0379

Monochromacy



Original Color

62.5841, 49.4168, 74.6465



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.9647, 50.8032, 63.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5841, 49.4168, 74.6465 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(243, 160, 221)` looks like.

```
.text, #text, p{  
    color:rgb(243, 160, 221)  
}
```

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(243, 160, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 160, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.5841, 49.4168, 74.6465 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(243, 160, 221) }
```


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

```
.border{ border-color:rgb(243, 160, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 160, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 160, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 160, 221);  
box-shadow:4px 4px 4px 4px rgb(243, 160,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5841, 49.4168, 74.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 160, 221) }
```

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

```
.background{ background-color: rgb(243,  
160, 221) }
```

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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