

Converting Colors

XYZ(61.6490, 48.8928, 68.8031)

Have a look what the booklet for
XYZ(61.6490, 48.8928, 68.8031)
contains.

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Color

**XYZ(61.5900, 48.7828,
68.4572)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F49FD4 |
| RGB | 244, 159, 212 |
| RGB Percent | 96%, 62%, 83% |
| CMY | 0.0431, 0.3764, 0.1686 |
| CMYK | 0.00, 0.35, 0.13, 0.04 |
| HSL | 323°, 79%, 79% |
| HSV | 323°, 35%, 96% |
| XYZ | 61.5900, 48.7828, 68.4572 |
| YIQ | 190.4570, 33.6470, 34.5030 |

Conversions

Conversions Part 2

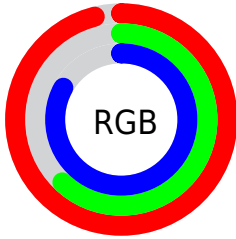
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 159, 212 |
| Decimal | 16031700 |
| CIE _{Lab} | 75.32, 39.07, -13.90 |
| CIE _{LCh} | 75, 41.468, 340.423 |
| Yxy | 48.7828, 0.3444, 0.2728 |
| Android (android.graphics.Color) | 4294221780 (0xFFFF49FD4) |
| YUV | 190.4570, 10.6207, 46.9572 |
| Hunter-Lab | 69.8447, 35.1755, -9.2209 |

Details

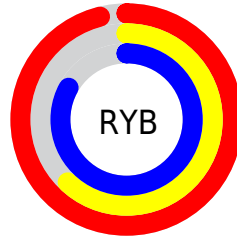
The XYZ color **61.5900, 48.7828, 68.4572** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0548, 75.8353, 60.9768**, and the grayscale version is **49.1353, 51.6942, 56.2950**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **31.4895, 23.1815, 34.7131** is the 20% darker color. If you saturate the color by 10%, you get **56.6750, 40.7543, 61.2633**, and if you desaturate by 10%, it is **67.4020, 58.4984, 76.2764**.

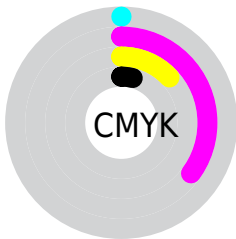
Distribution



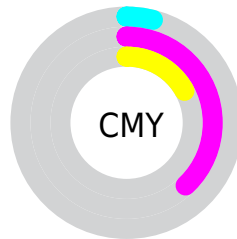
- Red (96%)
- Green (62%)
- Blue (83%)



- Red (96%)
- Yellow (62%)
- Blue (83%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5900, 48.7828, 68.4572 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 61.5900, 48.7828, 68.4572 by changing the saturation by 10% instead.


 61.5900, 48.7828,
68.4572


 61.5900, 48.7828,
68.4572


420.1754,
381.8866, 473.7562

 44.9558, 34.4472,
49.8008


 106.2260, 88.3688,
118.6664

 31.6238, 23.2374,
34.8850


 134.9586,
114.3880, 151.0562

 21.2284, 14.7689,
23.2915


168.4547,
145.0705, 188.8608

 13.4045, 8.6573,
14.6016

207.0797,
180.8007, 232.4989

 7.7866, 4.5184,
8.3967

251.1989,
221.9630, 282.3890

 4.0093, 1.9675,
4.2585

301.1777,

 1.7074, 0.5885,

268.9419, 338.9495

1.7682

357.3814,
322.1216, 402.5990

■ 0.4609, 0.0000,
0.4068

■ 0.0000, 0.0000,
0.0000

■ 61.5900, 48.7828,
68.4572

■ 61.5900, 48.7828,
68.4572

■ 56.6750, 40.7543,
61.2633

■ 67.4020, 58.4984,
76.2764

■ 52.6026, 34.3079,
54.6698

■ 74.1526, 69.9847,
84.7386

■ 49.3189, 29.3371,
48.6537

■ 81.8861, 83.3277,
93.8640

■ 46.7620, 25.7194,
43.1887

■ 90.1279, 97.5770,
103.4995

■ 44.8595, 23.3124,
38.2449

■ 91.1185, 97.9733,
108.7160

■ 43.5232, 21.9414,
33.7868

■ 42.9872, 21.5047,
31.6496

Harmonies

Analogous

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



56.5329, 48.7828, 91.9019



61.5900, 48.7828, 68.4572



62.3245, 48.7828, 45.8796

Triad

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



61.5900, 48.7828, 68.4572



43.7657, 48.7828, 21.6079



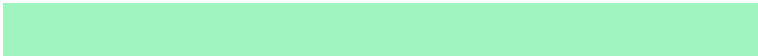
36.0811, 48.7828, 85.2426

Complementary

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



61.5900, 48.7828, 68.4572



56.0548, 75.8353, 60.9768

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.



33.3955, 48.7828, 61.0763



61.5900, 48.7828, 68.4572



37.4986, 48.7828, 27.1435

Square

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



61.5900, 48.7828, 68.4572



51.4525, 48.7828, 22.5739



33.8843, 48.7828, 40.2575



41.6274, 48.7828, 103.2846

Rectangle

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



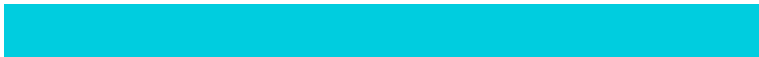
61.5900, 48.7828, 68.4572



60.1864, 48.7828, 34.5722



33.8843, 48.7828, 40.2575



34.8429, 48.7828, 77.3291

Sweetspot

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



61.5915, 48.7850, 68.4582



85.9404, 84.1927, 98.4276



50.0063, 42.2991, 91.1176



18.1401, 17.5817, 20.7654



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.



61.5915, 48.7850, 68.4582



64.0386, 47.2982, 69.8273



56.9954, 46.9466, 44.2559



16.9337, 16.6563, 19.3972



23.4424, 11.7204, 17.5698



2.1102, 1.0500, 1.8064

Inverse Universe

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



61.5915, 48.7850, 68.4582



64.0386, 47.2982, 69.8273



61.3108, 77.9377, 88.6546



16.9337, 16.6563, 19.3972



23.4424, 11.7204, 17.5698



2.1102, 1.0500, 1.8064

Previews

White Background



This preview shows how the XYZ color 61.5900, 48.7828, 68.4572 looks on a white background.

Color Contrast Check

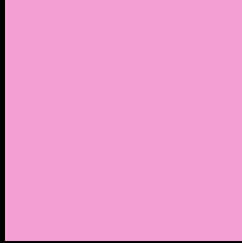
Large Text (above 18pt) WCAG AA × Fail

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 61.5900, 48.7828, 68.4572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

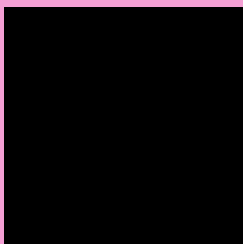
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5900, 48.7828, 68.4572

Background



This preview shows how black text looks on a background with the XYZ color 61.5900, 48.7828, 68.4572.



This preview shows how white text looks on a background with the XYZ color 61.5900, 48.7828,

68.4572.

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

61.5900, 48.7828, 68.4572

Protanopia

49.1878, 49.1682, 81.0267

Deuteranopia

50.1572, 49.0711, 66.5026



Tritanopia

57.4262, 48.6499, 48.4832

Trichromacy



Original Color

61.5900, 48.7828, 68.4572



Protanomaly

52.7366, 48.4052, 76.3756



Deuteranomaly

53.6036, 48.4876, 66.8554



Tritanomaly

58.6671, 48.6129, 55.0063

Monochromacy



Original Color

61.5900, 48.7828, 68.4572



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.8915, 50.0191, 60.2930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5900, 48.7828, 68.4572 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(244, 159, 212)` looks like.

```
.text, #text, p{  
    color:rgb(244, 159, 212)  
}
```

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(244, 159, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 159, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.5900, 48.7828, 68.4572 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(244, 159, 212) }
```


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

```
.border{ border-color:rgb(244, 159, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 159, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 159, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 159, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 159,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5900, 48.7828, 68.4572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 159, 212) }
```

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

```
.background{ background-color: rgb(244,  
159, 212) }
```

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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