

Converting Colors

XYZ(62.4380, 49.8681, 69.2695)

Have a look what the booklet for
XYZ(62.4380, 49.8681, 69.2695)
contains.

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Color

**XYZ(62.5868, 50.0572,
69.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A2D5
RGB	245, 162, 213
RGB Percent	96%, 64%, 84%
CMY	0.0392, 0.3647, 0.1647
CMYK	0.00, 0.34, 0.13, 0.04
HSL	323°, 81%, 80%
HSV	323°, 34%, 96%
XYZ	62.5868, 50.0572, 69.3141
YIQ	192.6310, 33.0970, 33.4570

Conversions

Conversions Part 2

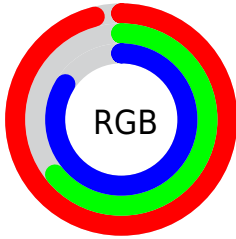
Format	Color
R _Y B	245, 162, 213
Decimal	16098005
CIE Lab	76.10, 37.99, -13.25
CIE LCh	76, 40.237, 340.777
Yxy	50.0572, 0.3440, 0.2751
Android (android.graphics.Color)	4294288085 (0xFFF5A2D5)
YUV	192.6310, 10.0419, 45.9276
Hunter-Lab	70.7511, 34.0876, -8.5600

Details

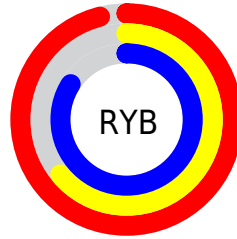
The XYZ color **62.5868, 50.0572, 69.3141** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.2925, 76.8828, 62.8626**, and the grayscale version is **50.4027, 53.0276, 57.7470**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **32.1337, 23.9707, 35.2809** is the 20% darker color. If you saturate the color by 10%, you get **57.5200, 41.7864, 61.8810**, and if you desaturate by 10%, it is **68.5671, 60.0420, 77.3974**.

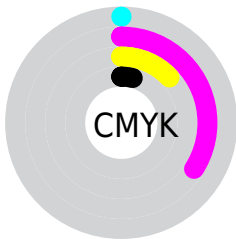
Distribution



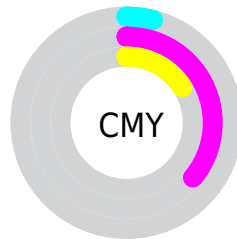
- Red (96%)
- Green (64%)
- Blue (84%)



- Red (96%)
- Yellow (64%)
- Blue (84%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5868, 50.0572, 69.3141 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 62.5868, 50.0572, 69.3141 by changing the saturation by 10% instead.


 62.5868, 50.0572,
69.3141


 62.5868, 50.0572,
69.3141


423.7519,
386.8896, 476.8619

 45.7644, 35.4588,
50.4942

 107.6583, 90.2596,
119.9020

 32.2638, 24.0165,
35.4323


 136.6382,
116.6325, 152.5071

 21.7196, 15.3459,
23.7099


170.4012,
147.6990, 190.5444

 13.7664, 9.0625,
14.9083

209.3128,
183.8435, 234.4323

 8.0390, 4.7820,
8.6092

253.7383,
225.4504, 284.5895

 4.1719, 2.1199,
4.3938

304.0431,

 1.7999, 0.6758,

272.9041, 341.4345

1.8438

360.5925,
326.5891, 405.3858

■ 0.5176, 0.0000,
0.4566

■ 0.0000, 0.0000,
0.0000

■ 62.5868, 50.0572,
69.3141

■ 62.5868, 50.0572,
69.3141

■ 57.5200, 41.7864,
61.8810

■ 68.5671, 60.0420,
77.3974

■ 53.3121, 35.1241,
55.0724

■ 75.5027, 71.8243,
86.1489

■ 49.9092, 29.9639,
48.8651

■ 83.4381, 85.4908,
95.5895

■ 47.2493, 26.1837,
43.2321

■ 90.7955, 97.8843,
105.1986

■ 45.2606, 23.6418,
38.1432

■ 91.4666, 98.1527,
108.7323

■ 43.8556, 22.1657,
33.5629

■ 43.2050, 21.6320,
30.9797

Harmonies

Analogous

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



57.6655, 50.0572, 92.2824



62.5868, 50.0572, 69.3141



63.2511, 50.0572, 47.1177

Triad

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



62.5868, 50.0572, 69.3141



44.9237, 50.0572, 23.0939



37.4423, 50.0572, 86.2883

Complementary

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



62.5868, 50.0572, 69.3141



57.2925, 76.8828, 62.8626

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.



34.7345, 50.0572, 62.6240



62.5868, 50.0572, 69.3141



38.7411, 50.0572, 28.7649

Square

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



62.5868, 50.0572, 69.3141



52.5015, 50.0572, 23.9962



35.1835, 50.0572, 41.9694



42.9721, 50.0572, 103.7312

Rectangle

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



62.5868, 50.0572, 69.3141



61.1207, 50.0572, 35.9334



35.1835, 50.0572, 41.9694



36.1997, 50.0572, 78.5717

Sweetspot

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



62.5883, 50.0595, 69.3151



85.9050, 84.1786, 98.2412



51.6051, 43.8809, 92.1371



18.1315, 17.5783, 20.7203



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.



62.5883, 50.0595, 69.3151



64.4441, 48.1069, 69.9697



57.9944, 48.2220, 45.1242



16.9271, 16.6537, 19.3625



23.3449, 11.6814, 17.0567



2.1020, 1.0467, 1.7633

Inverse Universe

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



62.5883, 50.0595, 69.3151



64.4441, 48.1069, 69.9697



62.5957, 79.0041, 90.7888



16.9271, 16.6537, 19.3625



23.3449, 11.6814, 17.0567



2.1020, 1.0467, 1.7633

Previews

White Background



This preview shows how the XYZ color 62.5868, 50.0572, 69.3141 looks on a white background.

Color Contrast Check

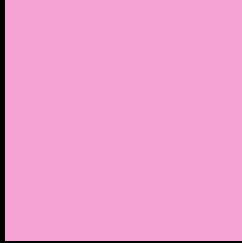
Large Text (above 18pt) WCAG AA × Fail

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 62.5868, 50.0572, 69.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

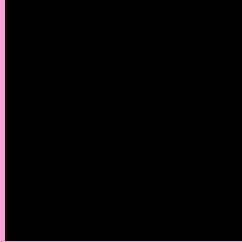
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5868, 50.0572, 69.3141

Background



This preview shows how black text looks on a background with the XYZ color 62.5868, 50.0572, 69.3141.



This preview shows how white text looks on a background with the XYZ color 62.5868, 50.0572,

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

62.5868, 50.0572, 69.3141

Protanopia

50.0619, 50.2399, 81.1875

Deuteranopia

51.2071, 50.2062, 67.3135



Tritanopia

58.6187, 50.0422, 50.2856

Trichromacy



Original Color

62.5868, 50.0572, 69.3141



Protanomaly

53.3985, 49.3286, 76.5190



Deuteranomaly

54.6944, 49.6092, 67.6656



Tritanomaly

59.8798, 49.9999, 56.9470

Monochromacy



Original Color

62.5868, 50.0572, 69.3141



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.3047, 51.6231, 61.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5868, 50.0572, 69.3141 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(245, 162, 213)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 213)  
}
```

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(245, 162, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.5868, 50.0572, 69.3141 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(245, 162, 213) }
```


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

```
.border{ border-color:rgb(245, 162, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5868, 50.0572, 69.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 213) }
```

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

```
.background{ background-color: rgb(245,  
162, 213) }
```

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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