

Converting Colors

XYZ(62.1504, 50.9384, 69.0113)

Have a look what the booklet for
XYZ(62.1504, 50.9384, 69.0113)
contains.

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Color

**XYZ(62.1378, 50.9031,
68.8376)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A6D4
RGB	242, 166, 212
RGB Percent	95%, 65%, 83%
CMY	0.0510, 0.3490, 0.1686
CMYK	0.00, 0.31, 0.12, 0.05
HSL	324°, 75%, 80%
HSV	324°, 31%, 95%
XYZ	62.1378, 50.9031, 68.8376
YIQ	193.9680, 30.5300, 30.4180

Conversions

Conversions Part 2

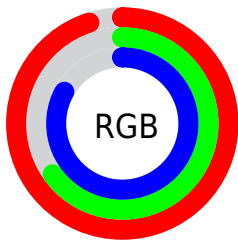
Format	Color
R _Y B	242, 166, 212
Decimal	15902420
CIE Lab	76.62, 34.73, -11.96
CIE LCh	77, 36.730, 340.992
Yxy	50.9031, 0.3416, 0.2799
Android (android.graphics.Color)	4294092500 (0xFFF2A6D4)
YUV	193.9680, 8.8898, 42.1241
Hunter-Lab	71.3464, 30.6050, -7.2627

Details

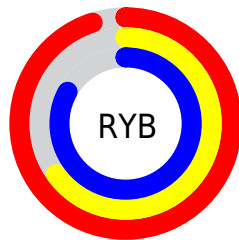
The XYZ color **62.1378, 50.9031, 68.8376** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.4439, 75.5982, 63.7922**, and the grayscale version is **51.1969, 53.8632, 58.6570**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **31.9985, 24.5589, 34.9521** is the 20% darker color. If you saturate the color by 10%, you get **56.9761, 42.4511, 61.3464**, and if you desaturate by 10%, it is **68.2015, 61.0436, 76.9824**.

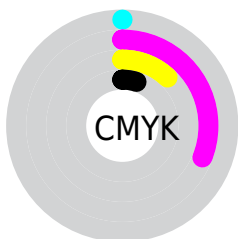
Distribution



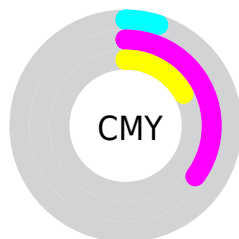
- Red (95%)
- Green (65%)
- Blue (83%)



- Red (95%)
- Yellow (65%)
- Blue (83%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1378, 50.9031, 68.8376 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 62.1378, 50.9031, 68.8376 by changing the saturation by 10% instead.

 62.1378, 50.9031,
68.8376


 62.1378, 50.9031,
68.8376


422.1431,
390.1872, 475.1364

 45.4001, 36.1315,
50.1085


 107.0135, 91.5115,
119.2151

 31.9753, 24.5358,
35.1279


 135.8821,
118.1171, 151.7006

 21.4981, 15.7315,
23.4770


169.5252,
149.4362, 189.6087

 13.6031, 9.3344,
14.7375

208.3079,
185.8531, 233.3579

 7.9250, 4.9599,
8.4908

252.5957,
227.7523, 283.3667

 4.0984, 2.2238,
4.3183

302.7540,

 1.7579, 0.7329,

275.5181, 340.0537

1.8016

359.1480,
329.5349, 403.8374

■ 0.4921, 0.0000,
0.4290

■ 0.0000, 0.0000,
0.0000

■ 62.1378, 50.9031,
68.8376

■ 62.1378, 50.9031,
68.8376

■ 56.9761, 42.4511,
61.3464

■ 68.2015, 61.0436,
76.9824

■ 52.6642, 35.5871,
54.4837

■ 75.2067, 72.9518,
85.7982

■ 49.1511, 30.2106,
48.2269

■ 83.1961, 86.7105,
95.3055

■ 46.3784, 26.2067,
42.5501

■ 89.6672, 97.3130,
104.6758

■ 44.2789, 23.4434,
37.4245

■ 90.4283, 97.6174,
108.6837

■ 42.7725, 21.7625,
32.8165

■ 41.8431, 20.9673,
29.2273

Harmonies

Analogous

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



57.6807, 50.9031, 89.5937



62.1378, 50.9031, 68.8376



62.7104, 50.9031, 48.4478

Triad

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



62.1378, 50.9031, 68.8376



45.8801, 50.9031, 25.7206



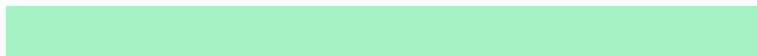
38.9861, 50.9031, 84.4869

Complementary

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



62.1378, 50.9031, 68.8376



57.4439, 75.5982, 63.7922

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.



36.4212, 50.9031, 63.0415



62.1378, 50.9031, 68.8376



40.1403, 50.9031, 31.2793

Square

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



62.1378, 50.9031, 68.8376



52.8629, 50.9031, 26.5589



36.8225, 50.9031, 43.8784



44.1615, 50.9031, 100.0177

Rectangle

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



62.1378, 50.9031, 68.8376



60.7560, 50.9031, 37.9722



36.8225, 50.9031, 43.8784



37.8135, 50.9031, 77.5422

Sweetspot

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



62.1393, 50.9054, 68.8387



86.7361, 85.6515, 99.1016



52.2055, 45.3057, 89.9985



18.2959, 17.8713, 20.8857



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.



62.1393, 50.9054, 68.8387



65.9755, 50.7445, 71.7911



57.9808, 49.2420, 46.9402



16.1746, 15.9196, 18.4758



22.5474, 11.2914, 16.0652



1.9246, 0.9589, 1.5935

Inverse Universe

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



62.1393, 50.9054, 68.8387



65.9755, 50.7445, 71.7911



62.2067, 77.5033, 88.8728



16.1746, 15.9196, 18.4758



22.5474, 11.2914, 16.0652



1.9246, 0.9589, 1.5935

Previews

White Background



This preview shows how the XYZ color 62.1378, 50.9031, 68.8376 looks on a white background.

Color Contrast Check

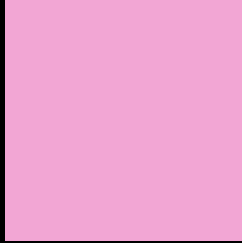
Large Text (above 18pt) WCAG AA × Fail

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 62.1378, 50.9031, 68.8376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

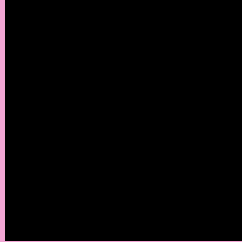
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1378, 50.9031, 68.8376

Background



This preview shows how black text looks on a background with the XYZ color 62.1378, 50.9031, 68.8376.



This preview shows how white text looks on a background with the XYZ color 62.1378, 50.9031,

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

62.1378, 50.9031, 68.8376

Protanopia

50.7667, 51.2812, 79.1741

Deuteranopia

52.2023, 51.0265, 67.4194



Tritanopia

58.8112, 50.9372, 52.0796

Trichromacy



Original Color

62.1378, 50.9031, 68.8376



Protanomaly

54.0010, 50.5595, 75.3194



Deuteranomaly

55.3793, 50.5445, 67.8100



Tritanomaly

59.8608, 50.7962, 57.6886

Monochromacy



Original Color

62.1378, 50.9031, 68.8376



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.5471, 52.3469, 62.4874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1378, 50.9031, 68.8376 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(242, 166, 212)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 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(242, 166, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 212) }
```

Border

The CSS property to change the border of an element to XYZ 62.1378, 50.9031, 68.8376 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(242, 166, 212) }
```


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

```
.border{ border-color:rgb(242, 166, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 212);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1378, 50.9031, 68.8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 212) }
```

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

```
.background{ background-color: rgb(242,  
166, 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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