

# Converting Colors

XYZ(62.4798, 51.4890, 73.0690)

Have a look what the booklet for  
XYZ(62.4798, 51.4890, 73.0690)  
contains.

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# Color

**XYZ(62.5927, 51.5925,  
72.9890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A8DA
RGB	240, 168, 218
RGB Percent	94%, 66%, 85%
CMY	0.0588, 0.3412, 0.1451
CMYK	0.00, 0.30, 0.09, 0.06
HSL	318°, 71%, 80%
HSV	318°, 30%, 94%
XYZ	62.5927, 51.5925, 72.9890
YIQ	195.2280, 26.8620, 30.8140

# Conversions

## Conversions Part 2

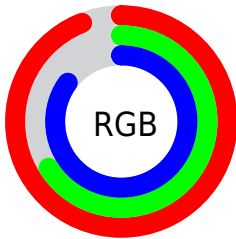
Format	Color
R <sub>Y</sub> B	240, 168, 218
Decimal	15771866
CIE Lab	77.04, 33.99, -14.63
CIE LCh	77, 37.004, 336.713
Yxy	51.5925, 0.3344, 0.2756
Android (android.graphics.Color)	4293961946 (0xFFFF0A8DA)
YUV	195.2280, 11.2266, 39.2650
Hunter-Lab	71.8279, 29.8506, -9.9689

# Details

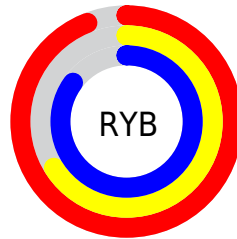
The XYZ color **62.5927, 51.5925, 72.9890** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.6050, 74.3642, 60.0888**, and the grayscale version is **51.9329, 54.6375, 59.5002**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **32.2700, 24.9731, 37.7698** is the 20% darker color. If you saturate the color by 10%, you get **57.6258, 43.1601, 66.7030**, and if you desaturate by 10%, it is **68.4228, 61.6818, 79.7734**.

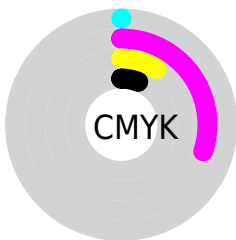
# Distribution



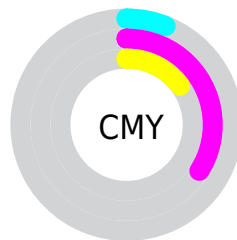
- Red (94%)
- Green (66%)
- Blue (85%)



- Red (94%)
- Yellow (66%)
- Blue (85%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (6%)




- Cyan (6%)
- Magenta (34%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5927, 51.5925, 72.9890 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 62.5927, 51.5925, 72.9890 by changing the saturation by 10% instead.




 62.5927, 51.5925,  
72.9890


 62.5927, 51.5925,  
72.9890


423.7730,  
392.8614, 490.0464

 45.7692, 36.6804,  
53.4752


 107.6668, 92.5300,  
125.1824

 32.2676, 24.9601,  
37.7919


 136.6481,  
119.3241, 158.6990

 21.7225, 16.0473,  
25.5207


170.4127,  
150.8477, 197.7204

 13.7686, 9.5577,  
16.2429

209.3260,  
187.4852, 242.6649

 8.0405, 5.1067,  
9.5400

253.7533,  
229.6209, 293.9513

 4.1729, 2.3100,  
4.9934

304.0600,

 1.8004, 0.7790,

277.6392, 351.9980

2.1847

360.6115,  
331.9246, 417.2235

■ 0.5179, 0.0000,  
0.6655

■ 0.0000, 0.0000,  
0.0000

■ 62.5927, 51.5925,  
72.9890

■ 62.5927, 51.5925,  
72.9890

■ 57.6258, 43.1601,  
66.7030

■ 68.4228, 61.6818,  
79.7734

■ 53.4719, 36.2874,  
60.8943

■ 75.1536, 73.5045,  
87.0697

■ 50.0826, 30.8777,  
55.5445

■ 82.8260, 87.1406,  
94.8945

■ 47.4023, 26.8205,  
50.6325

■ 88.5360, 96.7816,  
102.2825

■ 45.3673, 23.9896,  
46.1341

■ 89.6925, 97.2442,  
108.3724

■ 43.9021, 22.2348,  
42.0211

■ 89.7455, 97.2655,  
108.6518

■ 42.8796, 21.3032,  
38.2485

■ 42.8794, 21.3030,  
38.2477

# Harmonies

## Analogous

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



57.6081, 51.5925, 93.4592



62.5927, 51.5925, 72.9890



63.7920, 51.5925, 51.7521

# Triad

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



62.5927, 51.5925, 72.9890



47.4673, 51.5925, 25.7354



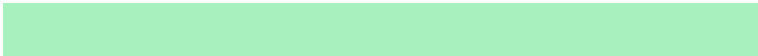
38.9403, 51.5925, 82.7690

# Complementary

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



62.5927, 51.5925, 72.9890



56.6050, 74.3642, 60.0888

# 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.



36.7532, 51.5925, 60.8439



62.5927, 51.5925, 72.9890



41.3614, 51.5925, 30.4183

# Square

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



62.5927, 51.5925, 72.9890



54.6018, 51.5925, 27.4978



37.5952, 51.5925, 42.1652



43.8640, 51.5925, 99.9866



# Rectangle

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



62.5927, 51.5925, 72.9890



62.1899, 51.5925, 40.4489



37.5952, 51.5925, 42.1652



37.8833, 51.5925, 75.5266

# Sweetspot

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



62.5942, 51.5948, 72.9901



87.0520, 85.7779, 100.7650



50.8685, 45.1950, 88.4814



18.3739, 17.9025, 21.2964



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.



62.5942, 51.5948, 72.9901



68.2307, 53.0687, 79.2826



58.4246, 49.9270, 51.0332



16.2366, 15.9443, 18.8021



23.5347, 11.6863, 21.2639



2.0020, 0.9898, 2.0013



# Inverse Universe

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



62.5942, 51.5948, 72.9901



68.2307, 53.0687, 79.2826



60.9830, 76.1154, 83.1431



16.2366, 15.9443, 18.8021



23.5347, 11.6863, 21.2639



2.0020, 0.9898, 2.0013



# Previews

## White Background



This preview shows how the XYZ color 62.5927, 51.5925, 72.9890 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

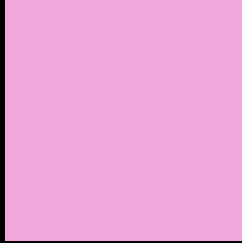
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.5927, 51.5925, 72.9890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

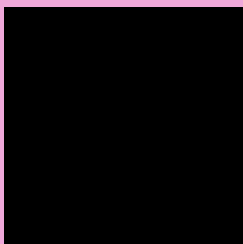
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 62.5927, 51.5925, 72.9890**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.5927, 51.5925, 72.9890.



This preview shows how white text looks on a background with the XYZ color 62.5927, 51.5925,



# 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

62.5927, 51.5925, 72.9890

### Protanopia

51.8191, 52.0451, 83.6585

### Deuteranopia

53.1133, 52.0299, 71.5334



## Tritanopia

58.6978, 51.6928, 53.8977

# Trichromacy



## Original Color

62.5927, 51.5925, 72.9890



## Protanomaly

54.7461, 51.1504, 79.6606



## Deuteranomaly

55.9553, 51.3442, 71.9270



## Tritanomaly

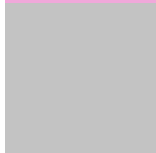
59.8706, 51.5868, 60.2278

# Monochromacy



## Original Color

62.5927, 51.5925, 72.9890



## Achromatopsia

51.8711, 54.5724, 59.4294



## Achromatomaly

54.9924, 52.8586, 63.8042

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5927, 51.5925, 72.9890 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(240, 168, 218)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 218)  
}
```

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(240, 168, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5927, 51.5925, 72.9890 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(240, 168, 218) }
```



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

```
.border{ border-color:rgb(240, 168, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 168, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 218);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5927, 51.5925, 72.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 218) }
```

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

```
.background{ background-color: rgb(240,  
168, 218) }
```

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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