

Converting Colors

XYZ(62.7849, 51.6131, 74.6672)

Have a look what the booklet for
XYZ(62.7849, 51.6131, 74.6672)
contains.

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Color

**XYZ(62.8561, 51.6978,
74.3759)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A8DC
RGB	240, 168, 220
RGB Percent	94%, 66%, 86%
CMY	0.0588, 0.3412, 0.1373
CMYK	0.00, 0.30, 0.08, 0.06
HSL	317°, 71%, 80%
HSV	317°, 30%, 94%
XYZ	62.8561, 51.6978, 74.3759
YIQ	195.4560, 26.2200, 31.4360

Conversions

Conversions Part 2

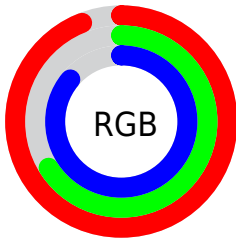
Format	Color
R _Y B	240, 168, 220
Decimal	15771868
CIE Lab	77.10, 34.33, -15.62
CIE LCh	77, 37.714, 335.530
Yxy	51.6978, 0.3327, 0.2736
Android (android.graphics.Color)	4293961948 (0xFFF0A8DC)
YUV	195.4560, 12.1002, 39.0651
Hunter-Lab	71.9012, 30.2178, -10.9998

Details

The XYZ color **62.8561, 51.6978, 74.3759** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.3878, 74.2775, 58.9453**, and the grayscale version is **52.0641, 54.7755, 59.6505**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **32.4507, 25.0454, 38.7212** is the 20% darker color. If you saturate the color by 10%, you get **57.9624, 43.2947, 68.4749**, and if you desaturate by 10%, it is **68.6058, 61.7550, 80.7371**.

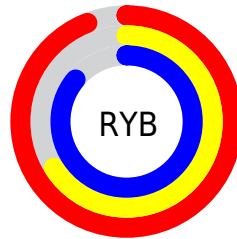
Distribution



Red (94%)

Green (66%)

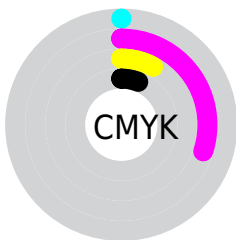
Blue (86%)



Red (94%)

Yellow (66%)

Blue (86%)

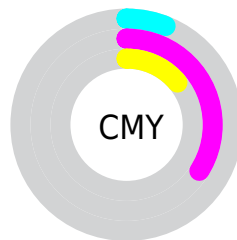


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8561, 51.6978, 74.3759 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 62.8561, 51.6978, 74.3759 by changing the saturation by 10% instead.

62.8561, 51.6978,
74.3759

62.8561, 51.6978,
74.3759

424.7150,
393.2688, 494.9678

45.9830, 36.7643,
54.6031

108.0449, 92.6854,
127.1675

32.4370, 25.0250,
38.6876

137.0912,
119.5083, 161.0234

21.8527, 16.0957,
26.2108

170.9261,
151.0630, 200.4107

13.8647, 9.5919,
16.7542

209.9148,
187.7340, 245.7480

8.1077, 5.1292,
9.8993

254.4227,
229.9057, 297.4538

4.2163, 2.3233,
5.2275

304.8151,

1.8252, 0.7860,

277.9625, 355.9467

2.3203

361.4574,
332.2887, 421.6452

■ 0.5328, 0.0000,
0.7426

■ 0.0000, 0.0000,
0.0000

■ 62.8561, 51.6978,
74.3759

■ 62.8561, 51.6978,
74.3759

■ 57.9624, 43.2947,
68.4749

■ 68.6058, 61.7550,
80.7371

■ 53.8745, 36.4484,
63.0137

■ 75.2489, 73.5425,
87.5713

■ 50.5442, 31.0623,
57.9748

■ 82.8260, 87.1405,
94.8945

■ 47.9161, 27.0260,
53.3376

■ 88.4332, 96.7405,
101.7406

■ 45.9266, 24.2133,
49.0789

■ 89.4790, 97.1588,
107.2477

■ 44.5003, 22.4742,
45.1713

■ 89.7456, 97.2655,
108.6518

■ 43.5105, 21.5555,
41.5704

■ 43.5104, 21.5554,
41.5698

Harmonies

Analogous

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



57.6359, 51.6978, 95.1465



62.8561, 51.6978, 74.3759



64.2567, 51.6978, 52.5524

Triad

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



62.8561, 51.6978, 74.3759



47.8141, 51.6978, 25.3139



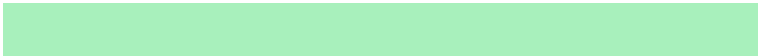
38.7031, 51.6978, 82.6389

Complementary

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



62.8561, 51.6978, 74.3759



56.3878, 74.2775, 58.9453

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.



36.5975, 51.6978, 60.2010



62.8561, 51.6978, 74.3759



41.5180, 51.6978, 29.7814

Square

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



62.8561, 51.6978, 74.3759



55.1019, 51.6978, 27.3496



37.5755, 51.6978, 41.4031



43.6192, 51.6978, 100.6760

Rectangle

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



62.8561, 51.6978, 74.3759



62.7285, 51.6978, 40.8632



37.5755, 51.6978, 41.4031



37.6662, 51.6978, 75.1802

Sweetspot

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



62.8577, 51.7001, 74.3770



87.1510, 85.8175, 101.2869



50.2756, 44.8892, 88.4538



18.3984, 17.9123, 21.4254



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.



62.8577, 51.7001, 74.3770



68.5853, 53.2105, 81.1497



58.6756, 50.0273, 52.3545



16.2560, 15.9521, 18.9045



23.8773, 11.8233, 23.0680



2.0283, 1.0004, 2.1399

Inverse Universe

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



62.8577, 51.7001, 74.3770



68.5853, 53.2105, 81.1497



60.6567, 75.9850, 81.4247



16.2560, 15.9521, 18.9045



23.8773, 11.8233, 23.0680



2.0283, 1.0004, 2.1399

Previews

White Background



This preview shows how the XYZ color 62.8561, 51.6978, 74.3759 looks on a white background.

Color Contrast Check

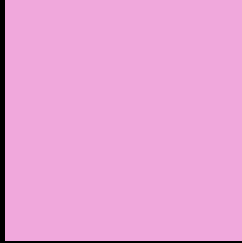
Large Text (above 18pt) WCAG AA × Fail

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 62.8561, 51.6978, 74.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

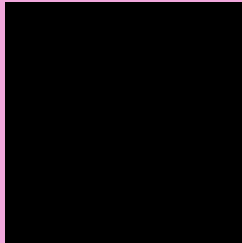
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8561, 51.6978, 74.3759

Background



This preview shows how black text looks on a background with the XYZ color 62.8561, 51.6978, 74.3759.



This preview shows how white text looks on a background with the XYZ color 62.8561, 51.6978,

74.3759.

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

62.8561, 51.6978, 74.3759

Protanopia

51.8713, 52.0390, 85.1525

Deuteranopia

53.1092, 51.9979, 72.8831



Tritanopia

58.6978, 51.6928, 53.8977

Trichromacy



Original Color

62.8561, 51.6978, 74.3759



Protanomaly

55.0239, 51.2614, 81.1231



Deuteranomaly

56.2156, 51.4483, 73.2973



Tritanomaly

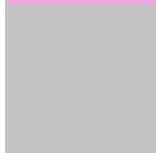
59.9864, 51.6331, 60.8374

Monochromacy



Original Color

62.8561, 51.6978, 74.3759



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.1120, 52.9064, 64.4340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8561, 51.6978, 74.3759 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.8561, 51.6978, 74.3759 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, 220) }
```


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

```
.border{ border-color:rgb(240, 168, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 220);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8561, 51.6978, 74.3759 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, 220) }
```

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

```
.background{ background-color: rgb(240,  
168, 220) }
```

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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