

Converting Colors

XYZ(62.6299, 50.7316, 75.9202)

Have a look what the booklet for
XYZ(62.6299, 50.7316, 75.9202)
contains.

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Color

**XYZ(62.5751, 50.7095,
75.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A5DE
RGB	240, 165, 222
RGB Percent	94%, 65%, 87%
CMY	0.0588, 0.3529, 0.1294
CMYK	0.00, 0.31, 0.07, 0.06
HSL	314°, 71%, 79%
HSV	314°, 31%, 94%
XYZ	62.5751, 50.7095, 75.5971
YIQ	193.9230, 26.4030, 33.6270

Conversions

Conversions Part 2

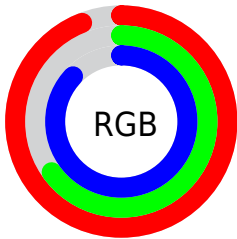
Format	Color
R _Y B	240, 165, 222
Decimal	15771102
CIE Lab	76.50, 36.25, -17.61
CIE LCh	77, 40.301, 334.090
Yxy	50.7095, 0.3313, 0.2685
Android (android.graphics.Color)	4293961182 (0xFFFF0A5DE)
YUV	193.9230, 13.8420, 40.4095
Hunter-Lab	71.2106, 32.2353, -13.0948

Details

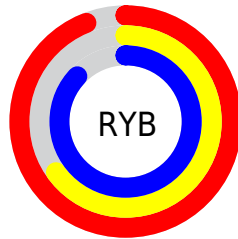
The XYZ color **62.5751, 50.7095, 75.5971** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.2265, 73.7398, 56.1254**, and the grayscale version is **51.1438, 53.8073, 58.5961**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **32.2977, 24.4456, 39.5754** is the 20% darker color. If you saturate the color by 10%, you get **57.8870, 42.5472, 70.2904**, and if you desaturate by 10%, it is **68.1049, 60.5114, 81.3156**.

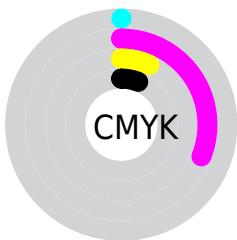
Distribution



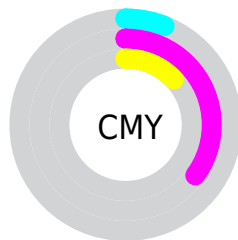
- Red (94%)
- Green (65%)
- Blue (87%)



- Red (94%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5751, 50.7095, 75.5971 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 62.5751, 50.7095, 75.5971 by changing the saturation by 10% instead.

62.5751, 50.7095,
75.5971

62.5751, 50.7095,
75.5971

423.7100,
389.4341, 499.2774

45.7549, 35.9775,
55.5975

107.6415, 91.2252,
128.9121

32.2563, 24.4168,
39.4785

136.6185,
117.7777, 163.0646

21.7138, 15.6431,
26.8215

170.3784,
149.0391, 202.7718

13.7622, 9.2719,
17.2079

209.2867,
185.3939, 248.4522

8.0360, 4.9190,
10.2193

253.7086,
227.2263, 300.5245

4.1700, 2.1998,
5.4371

304.0096,

1.7988, 0.7199,

274.9209, 359.4071

2.4428

360.5549,
328.8621, 425.5186

■ 0.5169, 0.0000,
0.8096

■ 0.0000, 0.0000,
0.0000

■ 62.5751, 50.7095,
75.5971

■ 62.5751, 50.7095,
75.5971

■ 57.8870, 42.5472,
70.2904

■ 68.1049, 60.5114,
81.3156

■ 53.9903, 35.9264,
65.3758

■ 74.5139, 72.0300,
87.4581

■ 50.8360, 30.7494,
60.8363

■ 81.8432, 85.3460,
94.0399

■ 48.3681, 26.9040,
56.6519

■ 88.1834, 96.6406,
100.4260

■ 46.5220, 24.2618,
52.7996

■ 89.0770, 96.9980,
105.1316

■ 45.2205, 22.6686,
49.2524

■ 89.7455, 97.2654,
108.6518

■ 44.4201, 21.9193,
46.3611

Harmonies

Analogous

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



56.8623, 50.7095, 97.6373



62.5751, 50.7095, 75.5971



64.2946, 50.7095, 52.2822

Triad

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



62.5751, 50.7095, 75.5971



47.1630, 50.7095, 23.1033



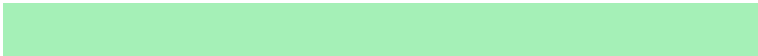
37.0793, 50.7095, 82.1537

Complementary

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



62.5751, 50.7095, 75.5971



55.2265, 73.7398, 56.1254

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.



35.0405, 50.7095, 58.2535



62.5751, 50.7095, 75.5971



40.4616, 50.7095, 27.2985

Square

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



62.5751, 50.7095, 75.5971



54.8702, 50.7095, 25.4741



36.2110, 50.7095, 38.8698



42.0896, 50.7095, 102.0683

Rectangle

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



62.5751, 50.7095, 75.5971



62.8089, 50.7095, 39.8311



36.2110, 50.7095, 38.8698



36.0491, 50.7095, 74.1212

Sweetspot

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



62.5766, 50.7118, 75.5982



87.2864, 85.8717, 101.9995



48.5953, 43.2103, 88.2180



18.4319, 17.9257, 21.6017



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.



62.5766, 50.7118, 75.5982



68.5397, 52.4739, 83.1243



58.1491, 48.9408, 52.2832



16.2826, 15.9628, 19.0444



24.3707, 12.0207, 25.6666



2.0659, 1.0154, 2.3377

Inverse Universe

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



62.5766, 50.7118, 75.5982



68.5397, 52.4739, 83.1243



59.5972, 75.4881, 79.1413



16.2826, 15.9628, 19.0444



24.3707, 12.0207, 25.6666



2.0659, 1.0154, 2.3377

Previews

White Background



This preview shows how the XYZ color 62.5751, 50.7095, 75.5971 looks on a white background.

Color Contrast Check

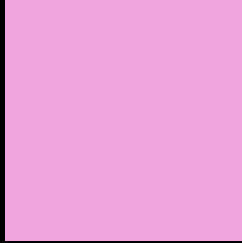
Large Text (above 18pt) WCAG AA × Fail

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 62.5751, 50.7095, 75.5971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

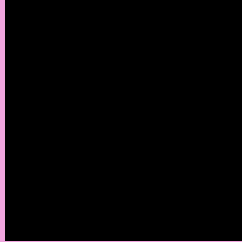
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5751, 50.7095, 75.5971

Background



This preview shows how black text looks on a background with the XYZ color 62.5751, 50.7095, 75.5971.



This preview shows how white text looks on a background with the XYZ color 62.5751, 50.7095,

75.5971.

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

62.5751, 50.7095, 75.5971

Protanopia

51.1878, 51.0022, 87.2673

Deuteranopia

51.7877, 50.6804, 73.3825



Tritanopia

57.7704, 50.6700, 52.6344

Trichromacy



Original Color

62.5751, 50.7095, 75.5971



Protanomaly

54.5050, 50.3458, 83.1889



Deuteranomaly

55.0867, 50.2604, 73.8157



Tritanomaly

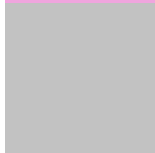
59.3061, 50.4577, 60.0396

Monochromacy



Original Color

62.5751, 50.7095, 75.5971



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.6965, 52.0755, 64.2955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5751, 50.7095, 75.5971 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, 165, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 165, 222)  
}
```

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, 165, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 165, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.5751, 50.7095, 75.5971 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, 165, 222) }
```


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

```
.border{ border-color:rgb(240, 165, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 165, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 165, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 165, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 165,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5751, 50.7095, 75.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 165, 222) }
```

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

```
.background{ background-color: rgb(240,  
165, 222) }
```

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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