

Converting Colors

XYZ(64.8956, 62.2852, 74.8378)

Have a look what the booklet for
XYZ(64.8956, 62.2852, 74.8378)
contains.

XYZ(65.0732, 62.4028, 74.9449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.0732, 62.4028,
74.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C7DA
RGB	228, 199, 218
RGB Percent	89%, 78%, 85%
CMY	0.1059, 0.2196, 0.1451
CMYK	0.00, 0.13, 0.04, 0.11
HSL	321°, 35%, 84%
HSV	321°, 13%, 89%
XYZ	65.0732, 62.4028, 74.9449
YIQ	209.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

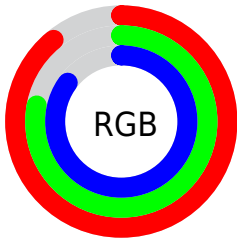
Format	Color
R _Y B	228, 199, 218
Decimal	14993370
CIE Lab	83.13, 13.41, -5.68
CIE LCh	83, 14.561, 337.052
Yxy	62.4028, 0.3215, 0.3083
Android (android.graphics.Color)	4293183450 (0xFFE4C7DA)
YUV	209.8370, 4.0244, 15.9290
Hunter-Lab	78.9954, 8.7989, -0.9531

Details

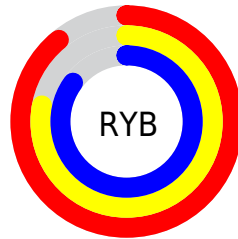
The XYZ color **65.0732, 62.4028, 74.9449** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.8076, 72.2340, 70.9572**, and the grayscale version is **61.1225, 64.3056, 70.0288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7495, 31.6658, 38.9836** is the 20% darker color. If you saturate the color by 10%, you get **59.2110, 52.2854, 68.0344**, and if you desaturate by 10%, it is **71.7738, 74.1170, 82.3772**.

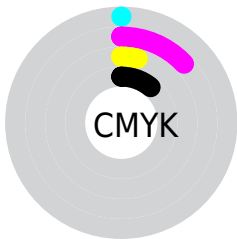
Distribution



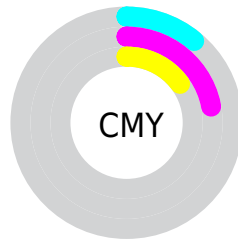
- Red (89%)
- Green (78%)
- Blue (85%)



- Red (89%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0732, 62.4028, 74.9449 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 65.0732, 62.4028, 74.9449 by changing the saturation by 10% instead.

65.0732, 62.4028,
74.9449

65.0732, 62.4028,
74.9449

432.5960,
433.3989, 496.9785

47.7854, 45.3583,
55.0663

111.2202,
108.3075, 127.9807

33.8675, 31.7397,
39.0558

140.8101,
137.9364, 161.9751

22.9542, 21.1628,
26.4950

175.2314,
172.5289, 201.5117

14.6802, 13.2430,
16.9652

214.8494,
212.4694, 247.0092

8.6801, 7.5961,
10.0480

260.0295,
258.1422, 298.8861

4.5886, 3.8376,
5.3248

311.1371,

2.0402, 1.5831,

309.9318, 357.5609

2.3770

368.5375,
368.2226, 423.4522

■ 0.6564, 0.3462,
0.7739

■ 0.0000, 0.0000,
0.0000

■ 65.0732, 62.4028,
74.9449

■ 65.0732, 62.4028,
74.9449

■ 59.2110, 52.2854,
68.0344

■ 71.7738, 74.1170,
82.3772

■ 54.1462, 43.6868,
61.6266

■ 79.3407, 87.4855,
90.3415

■ 49.8426, 36.5345,
55.7068

■ 83.7209, 94.4004,
97.4910

■ 46.2587, 30.7468,
50.2575

■ 84.9250, 94.8821,
103.8321

■ 43.3491, 26.2339,
45.2603

■ 85.8053, 95.2342,
108.4674

■ 41.0628, 22.8952,
40.6945

■ 39.3414, 20.6148,
36.5369

■ 38.1141, 19.2527,
32.7602

■ 37.4497, 18.6759,
30.2199

Harmonies

Analogous

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



63.0413, 62.4028, 82.7704



65.0732, 62.4028, 74.9449



65.5360, 62.4028, 65.8362

Triad

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



65.0732, 62.4028, 74.9449



58.5707, 62.4028, 52.1267



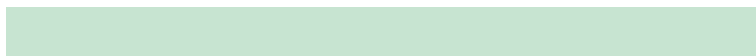
54.6027, 62.4028, 78.9567

Complementary

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



65.0732, 62.4028, 74.9449



62.8076, 72.2340, 70.9572

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.



53.4951, 62.4028, 70.1005



65.0732, 62.4028, 74.9449



55.7327, 62.4028, 55.0067

Square

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



65.0732, 62.4028, 74.9449



61.7079, 62.4028, 53.1754



53.9013, 62.4028, 61.3971



56.9789, 62.4028, 85.2261

Rectangle

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



65.0732, 62.4028, 74.9449



64.8782, 62.4028, 60.3497



53.9013, 62.4028, 61.3971



54.0736, 62.4028, 76.1544

Sweetspot

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



65.0750, 62.4055, 74.9462



91.3207, 93.4394, 104.8884



60.6298, 59.9582, 81.7772



19.4006, 19.7440, 22.2916



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.



65.0750, 62.4055, 74.9462



81.9867, 77.1562, 94.4253



63.2996, 61.6954, 65.5971



14.7729, 14.5263, 17.0044



21.6824, 10.8072, 17.7545



1.6456, 0.8159, 1.5400

Inverse Universe

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



65.0750, 62.4055, 74.9462



81.9867, 77.1562, 94.4253



64.6404, 72.9671, 80.6084



14.7729, 14.5263, 17.0044



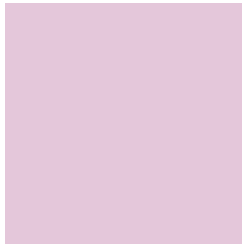
21.6824, 10.8072, 17.7545



1.6456, 0.8159, 1.5400

Previews

White Background



This preview shows how the XYZ color 65.0732, 62.4028, 74.9449 looks on a white background.

Color Contrast Check

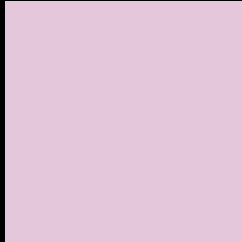
Large Text (above 18pt) WCAG AA × Fail

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 65.0732, 62.4028, 74.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

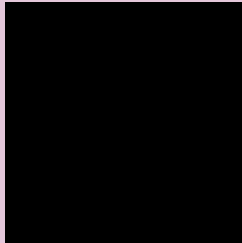
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0732, 62.4028, 74.9449

Background



This preview shows how black text looks on a background with the XYZ color 65.0732, 62.4028, 74.9449.



This preview shows how white text looks on a background with the XYZ color 65.0732, 62.4028,

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

65.0732, 62.4028, 74.9449

Protanopia

60.9882, 62.6819, 77.9916

Deuteranopia

63.9730, 62.5232, 75.0261



Tritanopia

64.6841, 62.2471, 72.8957

Trichromacy



Original Color

65.0732, 62.4028, 74.9449

Protanomaly

62.4314, 62.3794, 77.1566

Deuteranomaly

64.3605, 62.3781, 74.9777

Tritanomaly

64.8130, 62.2987, 73.5746

Monochromacy



Original Color

65.0732, 62.4028, 74.9449

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6968, 63.6984, 71.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0732, 62.4028, 74.9449 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(228, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(228, 199, 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(228, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.0732, 62.4028, 74.9449 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(228, 199, 218) }
```


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

```
.border{ border-color:rgb(228, 199, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 199, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 199, 218);  
box-shadow:4px 4px 4px 4px rgb(228, 199,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0732, 62.4028, 74.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 218) }
```

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

```
.background{ background-color: rgb(228,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor