

Converting Colors

XYZ(67.8520, 61.5363, 74.9311)

Have a look what the booklet for
XYZ(67.8520, 61.5363, 74.9311)
contains.

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Color

**XYZ(67.7802, 61.4620,
74.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C0DA
RGB	241, 192, 218
RGB Percent	95%, 75%, 85%
CMY	0.0549, 0.2470, 0.1451
CMYK	0.00, 0.20, 0.10, 0.05
HSL	328°, 64%, 85%
HSV	328°, 20%, 95%
XYZ	67.7802, 61.4620, 74.6206
YIQ	209.6150, 20.8580, 18.4740

Conversions

Conversions Part 2

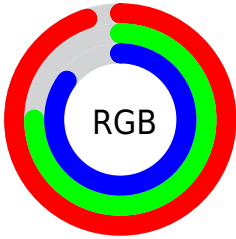
Format	Color
R _Y B	241, 192, 218
Decimal	15843546
CIE Lab	82.63, 21.59, -6.29
CIE LCh	83, 22.491, 343.771
Yxy	61.4620, 0.3325, 0.3015
Android (android.graphics.Color)	4294033626 (0xFFF1C0DA)
YUV	209.6150, 4.1338, 27.5246
Hunter-Lab	78.3977, 17.1295, -1.5551

Details

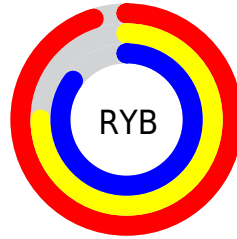
The XYZ color **67.7802, 61.4620, 74.6206** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.4618, 79.0251, 76.0969**, and the grayscale version is **60.9719, 64.1472, 69.8563**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **35.4665, 31.0116, 38.7669** is the 20% darker color. If you saturate the color by 10%, you get **61.4856, 51.1611, 65.4661**, and if you desaturate by 10%, it is **75.0459, 73.5416, 84.5988**.

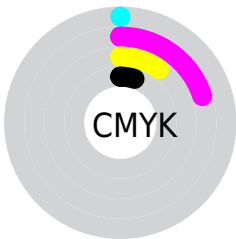
Distribution



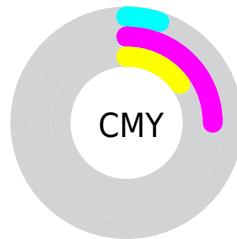
- Red (95%)
- Green (75%)
- Blue (85%)



- Red (95%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7802, 61.4620, 74.6206 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 67.7802, 61.4620, 74.6206 by changing the saturation by 10% instead.


 67.7802, 61.4620,
74.6206

 67.7802, 61.4620,
74.6206


442.1058,
429.9659, 495.8331

 49.9920, 44.5981,
54.8023


 115.0813,
106.9476, 127.5173

 35.6248, 31.1410,
38.8459


145.3248,
136.3381, 161.4328

 24.3133, 20.7062,
26.3330


180.4509,
170.6729, 200.8844

 15.6922, 12.9094,
16.8449

220.8248,
210.3365, 246.2906

 9.3961, 7.3662,
9.9632

266.8118,
255.7132, 298.0701

 5.0596, 3.6922,
5.2693


318.7775,

 2.3174, 1.5029,


307.1874, 356.6413


2.3446


377.0870,
365.1435, 422.4228


 0.8035, 0.2908,
0.7561


 0.0000, 0.0000,
0.0000


 67.7802, 61.4620,
74.6206


 67.7802, 61.4620,
74.6206


 61.4856, 51.1611,
65.4661


 75.0459, 73.5416,
84.5988


 56.1126, 42.5457,
57.1068

 83.3184, 87.4711,
95.4202

 51.6153, 35.5264,
49.5179

 89.5974, 97.2455,
106.0946

 47.9414, 30.0022,
42.6716

 90.0861, 97.4410,
108.6677

■ 45.0330, 25.8605,
36.5376

■ 42.8236, 22.9725,
31.0825

■ 41.2347, 21.1844,
26.2683

■ 40.1637, 20.2560,
22.1695

Harmonies

Analogous

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



65.0696, 61.4620, 87.9864



67.7802, 61.4620, 74.6206



67.8939, 61.4620, 60.7975

Triad

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



67.7802, 61.4620, 74.6206



56.2383, 61.4620, 44.3020



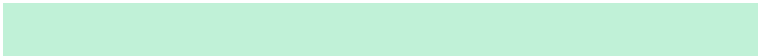
51.9749, 61.4620, 87.0234

Complementary

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



67.7802, 61.4620, 74.6206



65.4618, 79.0251, 76.0969

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.



49.8672, 61.4620, 73.4439



67.7802, 61.4620, 74.6206



52.2355, 61.4620, 49.5197

Square

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



67.7802, 61.4620, 74.6206



61.0476, 61.4620, 44.5263



49.9598, 61.4620, 59.7714



55.8646, 61.4620, 95.7928

Rectangle

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



67.7802, 61.4620, 74.6206



66.4692, 61.4620, 53.2194



49.9598, 61.4620, 59.7714



51.0443, 61.4620, 82.7945

Sweetspot

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



67.7820, 61.4647, 74.6219



89.2268, 90.1697, 101.3605



62.7145, 58.4801, 91.2025



18.9680, 19.0811, 21.5242



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.



67.7820, 61.4647, 74.6219



74.2520, 65.2605, 80.8296



64.8240, 60.2816, 59.0454



16.1233, 15.8990, 18.2055



21.8484, 11.0118, 12.3844



1.8678, 0.9362, 1.2949

Inverse Universe

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



67.7820, 61.4647, 74.6219



74.2520, 65.2605, 80.8296



68.8298, 80.3723, 93.8325



16.1233, 15.8990, 18.2055



21.8484, 11.0118, 12.3844



1.8678, 0.9362, 1.2949

Previews

White Background



This preview shows how the XYZ color 67.7802, 61.4620, 74.6206 looks on a white background.

Color Contrast Check

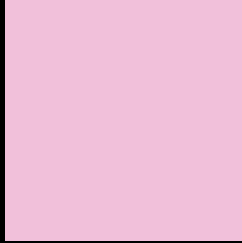
Large Text (above 18pt) WCAG AA × Fail

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 67.7802, 61.4620, 74.6206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

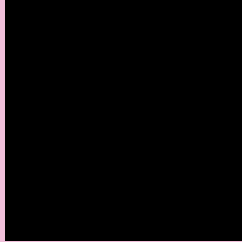
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7802, 61.4620, 74.6206

Background



This preview shows how black text looks on a background with the XYZ color 67.7802, 61.4620, 74.6206.



This preview shows how white text looks on a background with the XYZ color 67.7802, 61.4620,

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

67.7802, 61.4620, 74.6206

Protanopia

60.4606, 61.9910, 80.7303

Deuteranopia

62.9975, 61.6905, 74.2328



Tritanopia

66.7356, 61.7123, 68.7159

Trichromacy



Original Color

67.7802, 61.4620, 74.6206

Protanomaly

62.5888, 61.3880, 78.3623

Deuteranomaly

64.4855, 61.4362, 74.1053

Tritanomaly

66.8888, 61.4187, 70.6169

Monochromacy



Original Color

67.7802, 61.4620, 74.6206

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.1850, 62.8881, 71.7592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7802, 61.4620, 74.6206 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(241, 192, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 192, 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(241, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 192, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.7802, 61.4620, 74.6206 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(241, 192, 218) }
```


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

```
.border{ border-color:rgb(241, 192, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 192, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 192, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 192, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 192,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7802, 61.4620, 74.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 192, 218) }
```

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

```
.background{ background-color: rgb(241,  
192, 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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