

Converting Colors

XYZ(72.4962, 64.8184, 89.6218)

Have a look what the booklet for
XYZ(72.4962, 64.8184, 89.6218)
contains.

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Color

**XYZ(72.4808, 64.8860,
89.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C4EE
RGB	244, 196, 238
RGB Percent	96%, 77%, 93%
CMY	0.0431, 0.2314, 0.0667
CMYK	0.00, 0.20, 0.02, 0.04
HSL	308°, 69%, 86%
HSV	308°, 20%, 96%
XYZ	72.4808, 64.8860, 89.5930
YIQ	215.1400, 15.1260, 23.2380

Conversions

Conversions Part 2

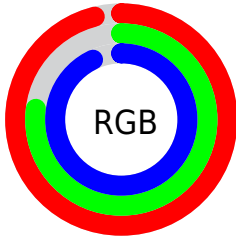
Format	Color
RYB	244, 196, 238
Decimal	16041198
CIELab	84.42, 23.94, -14.27
CIElCh	84, 27.869, 329.206
Yxy	64.8860, 0.3194, 0.2859
Android (android.graphics.Color)	4294231278 (0xFFFF4C4EE)
YUV	215.1400, 11.2700, 25.3102
Hunter-Lab	80.5518, 19.6491, -9.5584

Details

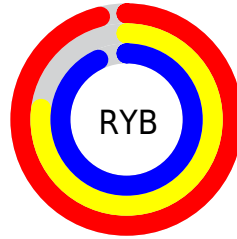
The XYZ color **72.4808, 64.8860, 89.5930** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7789, 80.7034, 67.9912**, and the grayscale version is **64.6067, 67.9712, 74.0207**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **38.6100, 33.2882, 48.6463** is the 20% darker color. If you saturate the color by 10%, you get **66.9746, 54.5837, 85.5657**, and if you desaturate by 10%, it is **78.8935, 76.9870, 93.9614**.

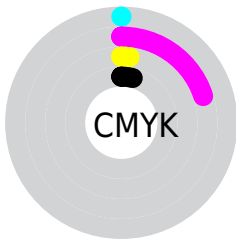
Distribution



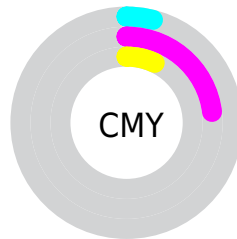
- Red (96%)
- Green (77%)
- Blue (93%)



- Red (96%)
- Yellow (77%)
- Blue (93%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4808, 64.8860, 89.5930 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 72.4808, 64.8860, 89.5930 by changing the saturation by 10% instead.

72.4808, 64.8860,
89.5930

72.4808, 64.8860,
89.5930

458.3451,
442.3822, 547.2419

53.8384, 47.3686,
67.0713

121.7470,
111.8859, 148.7035

38.7026, 33.3272,
48.6806

153.1014,
142.1373, 186.1294

26.7082, 22.3772,
34.0024

189.4240,
177.4022, 229.3604

17.4896, 14.1343,
22.6181

231.0799,
218.0649, 278.8152

10.6816, 8.2142,
14.1091

278.4347,
264.5098, 334.9122

5.9189, 4.2323,
8.0570

331.8535,

2.8360, 1.8043,

317.1214, 398.0699

4.0431

391.7019,
376.2841, 468.7070

■ 1.0676, 0.4899,
1.6490

■ 0.0000, 0.0000,
0.3255

■ 72.4808, 64.8860,
89.5930

■ 72.4808, 64.8860,
89.5930

■ 66.9746, 54.5837,
85.5657

■ 78.8935, 76.9870,
93.9614

■ 62.3258, 45.9852,
81.8608

■ 86.2471, 90.9586,
98.6803

■ 58.4895, 38.9997,
78.4638

■ 89.8808, 97.4782,
102.1971

■ 55.4144, 33.5247,
75.3575

■ 90.3560, 97.6683,
104.6991

■ 53.0433, 29.4457,
72.5226

■ 90.8388, 97.8614,
107.2418

■ 51.3109, 26.6323,
69.9371

■ 91.1188, 97.9734,
108.7160

■ 50.1394, 24.9289,
67.5749

■ 49.4037, 24.0853,
65.3942

■ 49.3822, 24.0628,
65.3238

Harmonies

Analogous

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



67.6691, 64.8860, 104.8061



72.4808, 64.8860, 89.5930



74.3659, 64.8860, 71.1234

Triad

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



72.4808, 64.8860, 89.5930



61.8373, 64.8860, 41.7343



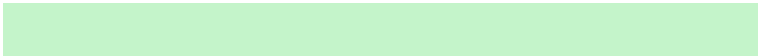
51.8483, 64.8860, 88.6375

Complementary

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



72.4808, 64.8860, 89.5930



65.7789, 80.7034, 67.9912

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.



50.5120, 64.8860, 70.1784



72.4808, 64.8860, 89.5930



56.0405, 64.8860, 44.8603

Square

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



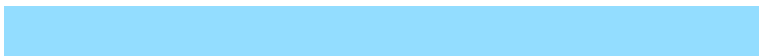
72.4808, 64.8860, 89.5930



67.9735, 64.8860, 45.2103



51.9954, 64.8860, 54.5848



55.7729, 64.8860, 104.1927

Rectangle

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



72.4808, 64.8860, 89.5930



73.6186, 64.8860, 60.0110



51.9954, 64.8860, 54.5848



51.0936, 64.8860, 82.4771

Sweetspot

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



72.4827, 64.8888, 89.5944



90.0554, 90.5011, 105.7234



60.3209, 58.5156, 93.7046



19.1642, 19.1595, 22.5570



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.



72.4827, 64.8888, 89.5944



77.3297, 66.4916, 97.0367



69.2392, 63.5914, 72.5143



17.1192, 16.7305, 20.3744



26.8861, 13.0979, 35.7041



2.3875, 1.1610, 3.2671

Inverse Universe

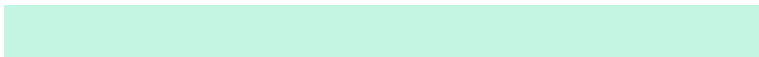
The Inverse Universe completely reimagines the original color for something new.



72.4827, 64.8888, 89.5944



77.3297, 66.4916, 97.0367



68.7906, 81.9080, 83.8505



17.1192, 16.7305, 20.3744



26.8861, 13.0979, 35.7041



2.3875, 1.1610, 3.2671

Previews

White Background



This preview shows how the XYZ color 72.4808, 64.8860, 89.5930 looks on a white background.

Color Contrast Check

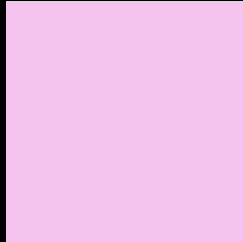
Large Text (above 18pt) WCAG AA × Fail

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 72.4808, 64.8860, 89.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

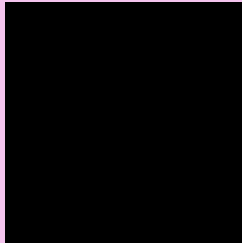
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4808, 64.8860, 89.5930

Background



This preview shows how black text looks on a background with the XYZ color 72.4808, 64.8860, 89.5930.



This preview shows how white text looks on a background with the XYZ color 72.4808, 64.8860,

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

72.4808, 64.8860, 89.5930

Protanopia

64.4908, 65.1537, 97.1726

Deuteranopia

66.4868, 64.9344, 88.3862



Tritanopia

69.3246, 64.9672, 73.8519

Trichromacy



Original Color

72.4808, 64.8860, 89.5930

Protanomaly

67.1354, 64.7775, 94.5528

Deuteranomaly

68.7197, 65.0135, 89.0477

Tritanomaly

70.4959, 65.1059, 79.3722

Monochromacy



Original Color

72.4808, 64.8860, 89.5930

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.2392, 66.6082, 79.1248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4808, 64.8860, 89.5930 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(244, 196, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 196, 238)  
}
```

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(244, 196, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 196, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.4808, 64.8860, 89.5930 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(244, 196, 238) }
```


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

```
.border{ border-color:rgb(244, 196, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 196, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 196, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 196, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 196,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4808, 64.8860, 89.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 196, 238) }
```

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

```
.background{ background-color: rgb(244,  
196, 238) }
```

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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