

Converting Colors

XYZ(71.6409, 64.0658, 79.9244)

Have a look what the booklet for
XYZ(71.6409, 64.0658, 79.9244)
contains.

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Color

**XYZ(71.5938, 63.9763,
79.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C2E1
RGB	248, 194, 225
RGB Percent	97%, 76%, 88%
CMY	0.0274, 0.2392, 0.1176
CMYK	0.00, 0.22, 0.09, 0.03
HSL	326°, 79%, 87%
HSV	326°, 22%, 97%
XYZ	71.5938, 63.9763, 79.8094
YIQ	213.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

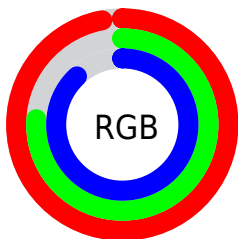
Format	Color
R _Y B	248, 194, 225
Decimal	16302817
CIE Lab	83.95, 24.10, -7.99
CIE LCh	84, 25.392, 341.650
Yxy	63.9763, 0.3324, 0.2970
Android (android.graphics.Color)	4294492897 (0xFFFF8C2E1)
YUV	213.6800, 5.5808, 30.0986
Hunter-Lab	79.9852, 19.7992, -3.1701

Details

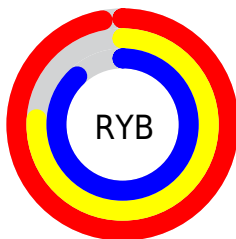
The XYZ color **71.5938, 63.9763, 79.8094** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3425, 83.6157, 78.1870**, and the grayscale version is **63.6563, 66.9714, 72.9319**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.1196, 32.7348, 42.3395** is the 20% darker color. If you saturate the color by 10%, you get **65.1316, 53.2866, 70.7641**, and if you desaturate by 10%, it is **79.0699, 76.5494, 89.6341**.

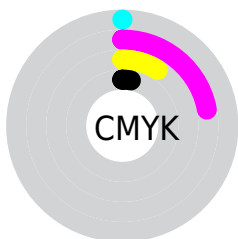
Distribution



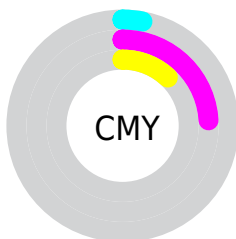
- Red (97%)
- Green (76%)
- Blue (88%)



- Red (97%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5938, 63.9763, 79.8094 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 71.5938, 63.9763, 79.8094 by changing the saturation by 10% instead.

71.5938, 63.9763,
79.8094

71.5938, 63.9763,
79.8094

455.3061,
439.1040, 513.9801

53.1112, 46.6315,
59.0363

120.4928,
110.5768, 134.9067

38.1194, 32.7444,
42.2221

151.6399,
140.6013, 170.0680

26.2530, 21.9307,
28.9484

187.7392,
175.6211, 210.8623

17.1467, 13.8060,
18.7965

229.1560,
216.0206, 257.7084

10.4351, 7.9859,
11.3480

276.2558,
262.1843, 311.0247

5.7528, 4.0859,
6.1843

329.4038,

2.7346, 1.7217,

314.4965, 371.2297

2.8869

388.9655,
373.3416, 438.7420

■ 1.0150, 0.4377,
1.0372

■ 0.0000, 0.0000,
0.0000

■ 71.5938, 63.9763,
79.8094

■ 71.5938, 63.9763,
79.8094

■ 65.1316, 53.2866,
70.7641

■ 79.0699, 76.5494,
89.6341

■ 59.6305, 44.3798,
62.4705

■ 87.5984, 91.0830,
100.2565

■ 55.0411, 37.1590,
54.9047

■ 92.5218, 98.6967,
108.7817

■ 51.3073, 31.5144,
48.0398

■ 48.3662, 27.3232,
41.8460

■ 46.1457, 24.4442,
36.2906

■ 44.5595, 22.7075,
31.3356

■ 43.6215, 21.9206,
27.6660

Harmonies

Analogous

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



68.2363, 63.9763, 95.2930



71.5938, 63.9763, 79.8094



71.9570, 63.9763, 63.6245

Triad

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



71.5938, 63.9763, 79.8094



58.6621, 63.9763, 43.6449



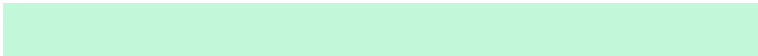
53.1225, 63.9763, 92.1919

Complementary

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



71.5938, 63.9763, 79.8094



68.3425, 83.6157, 78.1870

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.



50.8738, 63.9763, 76.0642



71.5938, 63.9763, 79.8094



53.9385, 63.9763, 49.0918

Square

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



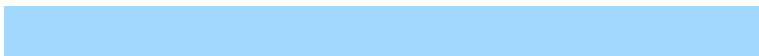
71.5938, 63.9763, 79.8094



64.2554, 63.9763, 44.3304



51.1630, 63.9763, 60.4085



57.4853, 63.9763, 103.1627

Rectangle

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



71.5938, 63.9763, 79.8094



70.4267, 63.9763, 54.7191



51.1630, 63.9763, 60.4085



52.1067, 63.9763, 87.0980

Sweetspot

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



71.5957, 63.9792, 79.8107



88.4174, 88.6552, 100.7690



64.7046, 60.0394, 96.9863



18.8082, 18.7771, 21.4229



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.



71.5957, 63.9792, 79.8107



73.2050, 63.0590, 80.8119



68.2563, 62.6434, 62.2262



17.6623, 17.3923, 20.0772



23.6358, 11.8700, 15.3225



2.2421, 1.1206, 1.6985

Inverse Universe

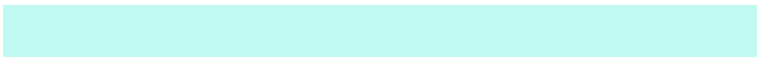
The Inverse Universe completely reimagines the original color for something new.



71.5957, 63.9792, 79.8107



73.2050, 63.0590, 80.8119



72.0709, 85.1070, 97.8204



17.6623, 17.3923, 20.0772



23.6358, 11.8700, 15.3225



2.2421, 1.1206, 1.6985

Previews

White Background



This preview shows how the XYZ color 71.5938, 63.9763, 79.8094 looks on a white background.

Color Contrast Check

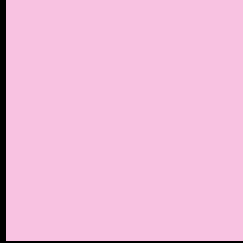
Large Text (above 18pt) WCAG AA × Fail

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 71.5938, 63.9763, 79.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

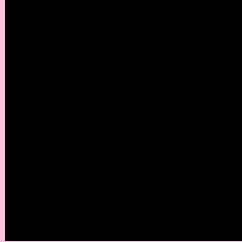
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5938, 63.9763, 79.8094

Background



This preview shows how black text looks on a background with the XYZ color 71.5938, 63.9763, 79.8094.



This preview shows how white text looks on a background with the XYZ color 71.5938, 63.9763,

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

71.5938, 63.9763, 79.8094

Protanopia

62.8608, 64.1741, 86.9156

Deuteranopia

65.6526, 64.3607, 78.7746



Tritanopia

69.6296, 63.8262, 70.9372

Trichromacy



Original Color

71.5938, 63.9763, 79.8094



Protanomaly

65.5985, 63.8535, 84.4689



Deuteranomaly

67.7131, 64.0140, 79.3081



Tritanomaly

70.3973, 63.8141, 74.2527

Monochromacy



Original Color

71.5938, 63.9763, 79.8094



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.3317, 65.8564, 75.5452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5938, 63.9763, 79.8094 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(248, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(248, 194, 225)  
}
```

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(248, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 194, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.5938, 63.9763, 79.8094 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(248, 194, 225) }
```


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

```
.border{ border-color:rgb(248, 194, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(248, 194,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5938, 63.9763, 79.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 194, 225) }
```

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

```
.background{ background-color: rgb(248,  
194, 225) }
```

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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