

Converting Colors

XYZ(79.4273, 77.2248, 90.9955)

Have a look what the booklet for XYZ(79.4273, 77.2248, 90.9955) contains.

- XYZ(79.2370, 77.0750, 90.8215) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(79.2370, 77.0750,
90.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCED
RGB	247, 220, 237
RGB Percent	97%, 86%, 93%
CMY	0.0314, 0.1372, 0.0706
CMYK	0.00, 0.11, 0.04, 0.03
HSL	322°, 63%, 92%
HSV	322°, 11%, 97%
XYZ	79.2370, 77.0750, 90.8215
YIQ	230.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

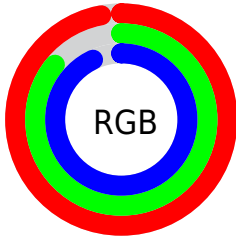
Format	Color
R _Y B	247, 220, 237
Decimal	16243949
CIE Lab	90.36, 12.15, -4.89
CIE LCh	90, 13.097, 338.058
Yxy	77.0750, 0.3206, 0.3119
Android (android.graphics.Color)	4294434029 (0xFFF7DCED)
YUV	230.0110, 3.4456, 14.8994
Hunter-Lab	87.7924, 7.4685, 0.1190

Details

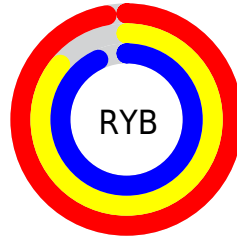
The XYZ color **79.2370, 77.0750, 90.8215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0618, 87.4523, 87.6854**, and the grayscale version is **75.1936, 79.1095, 86.1503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2815, 41.3228, 49.4110** is the 20% darker color. If you saturate the color by 10%, you get **71.9249, 64.5350, 81.9567**, and if you desaturate by 10%, it is **87.5795, 91.5645, 100.3681**.

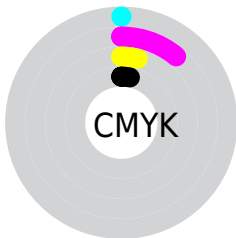
Distribution



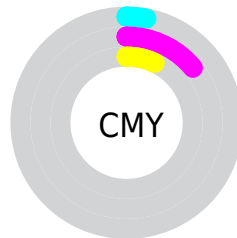
- Red (97%)
- Green (86%)
- Blue (93%)



- Red (97%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (3%)




- Cyan (3%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2370, 77.0750, 90.8215 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 79.2370, 77.0750, 90.8215 by changing the saturation by 10% instead.


 79.2370, 77.0750,
90.8215

 79.2370, 77.0750,
90.8215


481.1335,
485.0197, 551.3385

 59.3970, 57.3144,
68.0846


131.2486,
129.2453, 150.4244

 43.1804, 41.2577,
49.4995


164.1510,
162.4239, 188.1276

 30.2218, 28.5205,
34.6475


202.1381,
200.8439, 231.6566

 20.1559, 18.7184,
23.1101

245.5754,
244.8898, 281.4301

 12.6173, 11.4670,
14.4687

294.8283,
294.9459, 337.8664

 7.2408, 6.3819,
8.3049

350.2620,

 3.6608, 3.0786,

351.3967, 401.3842

4.2001

412.2420,
414.6265, 472.4021

■ 1.5121, 1.1729,
1.7358

■ 0.3340, 0.0394,
0.3851

■ 79.2370, 77.0750,
90.8215

■ 79.2370, 77.0750,
90.8215

■ 71.9249, 64.5350,
81.9567

■ 87.5795, 91.5645,
100.3681

■ 65.5938, 53.8502,
73.7496

■ 92.1682, 98.5144,
108.7651

■ 60.1997, 44.9339,
66.1814

■ 55.6931, 37.6881,
59.2303

■ 52.0193, 32.0054,
52.8728

■ 49.1173, 27.7657,
47.0831

■ 46.9174, 24.8312,
41.8323

■ 45.3362, 23.0371,
37.0870

■ 44.3172, 22.1580,
33.1748

Harmonies

Analogous

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



77.1966, 77.0750, 98.8911



79.2370, 77.0750, 90.8215



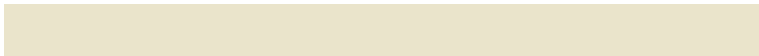
79.6516, 77.0750, 81.4261

Triad

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



79.2370, 77.0750, 90.8215



72.3808, 77.0750, 67.3470



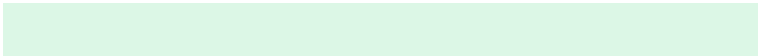
68.4242, 77.0750, 95.5017

Complementary

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



79.2370, 77.0750, 90.8215



77.0618, 87.4523, 87.6854

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.



67.2150, 77.0750, 86.4676



79.2370, 77.0750, 90.8215



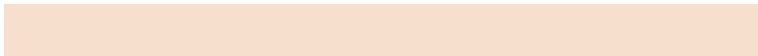
69.4547, 77.0750, 70.5445

Square

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



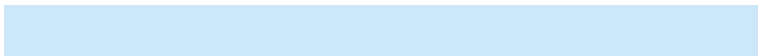
79.2370, 77.0750, 90.8215



75.6287, 77.0750, 68.3231



67.5866, 77.0750, 77.3803



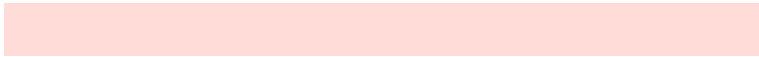
70.9363, 77.0750, 101.7300

Rectangle

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



79.2370, 77.0750, 90.8215



78.9390, 77.0750, 75.7446



67.5866, 77.0750, 77.3803



67.8553, 77.0750, 92.6669

Sweetspot

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



79.2392, 77.0784, 90.8232



92.2050, 95.0346, 105.7174



74.9858, 74.7121, 98.4654



19.5766, 20.0643, 22.4483



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

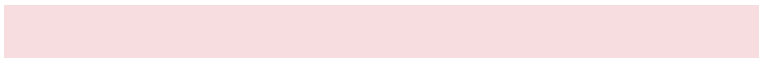
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2392, 77.0784, 90.8232



83.4569, 79.8771, 95.5920



77.3540, 76.3243, 80.8957



16.9381, 16.6581, 19.4204



23.5086, 11.7469, 17.9183



2.1157, 1.0522, 1.8357

Inverse Universe

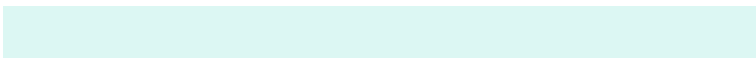
The Inverse Universe completely reimagines the original color for something new.



79.2392, 77.0784, 90.8232



83.4569, 79.8771, 95.5920



79.0165, 88.2342, 97.9788



16.9381, 16.6581, 19.4204



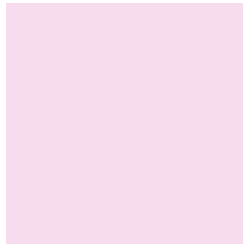
23.5086, 11.7469, 17.9183



2.1157, 1.0522, 1.8357

Previews

White Background



This preview shows how the XYZ color 79.2370, 77.0750, 90.8215 looks on a white background.

Color Contrast Check

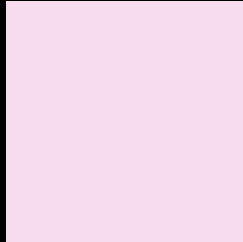
Large Text (above 18pt) WCAG AA × Fail

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 79.2370, 77.0750, 90.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

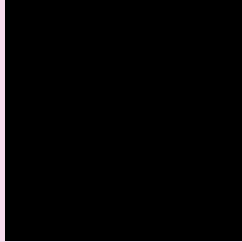
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2370, 77.0750, 90.8215

Background



This preview shows how black text looks on a background with the XYZ color 79.2370, 77.0750, 90.8215.



This preview shows how white text looks on a background with the XYZ color 79.2370, 77.0750,

90.8215.

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

79.2370, 77.0750, 90.8215

Protanopia

75.0684, 77.2376, 94.1709

Deuteranopia

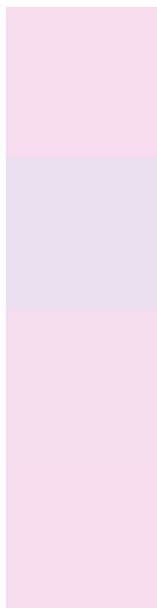
78.7987, 77.2398, 90.8764



Tritanopia

79.2370, 77.0750, 90.8215

Trichromacy



Original Color

79.2370, 77.0750, 90.8215

Protanomaly

76.6448, 77.2647, 93.3120

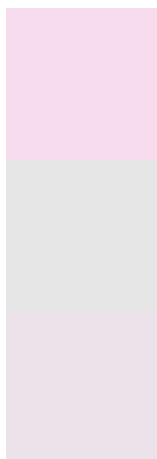
Deuteranomaly

79.1485, 77.4202, 90.8928

Tritanomaly

79.2370, 77.0750, 90.8215

Monochromacy



Original Color

79.2370, 77.0750, 90.8215

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.4964, 78.1088, 88.1355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2370, 77.0750, 90.8215 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(247, 220, 237) looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 237)  
}
```

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(247, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.2370, 77.0750, 90.8215 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(247, 220, 237) }
```


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

```
.border{ border-color:rgb(247, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2370, 77.0750, 90.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 237) }
```

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

```
.background{ background-color: rgb(247,  
220, 237) }
```

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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