

Converting Colors

XYZ(77.4141, 71.9276, 89.2931)

Have a look what the booklet for
XYZ(77.4141, 71.9276, 89.2931)
contains.

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Color

**XYZ(77.3651, 71.9811,
89.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1EC
RGB	250, 209, 236
RGB Percent	98%, 82%, 93%
CMY	0.0196, 0.1804, 0.0745
CMYK	0.00, 0.16, 0.06, 0.02
HSL	320°, 80%, 90%
HSV	320°, 16%, 98%
XYZ	77.3651, 71.9811, 89.1730
YIQ	224.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

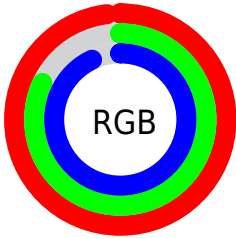
Format	Color
R _Y B	250, 209, 236
Decimal	16437740
CIE Lab	87.96, 18.74, -7.88
CIE LCh	88, 20.332, 337.198
Yxy	71.9811, 0.3244, 0.3018
Android (android.graphics.Color)	4294627820 (0xFFFA _{D1} EC)
YUV	224.3370, 5.7499, 22.5065
Hunter-Lab	84.8417, 14.2970, -2.9277

Details

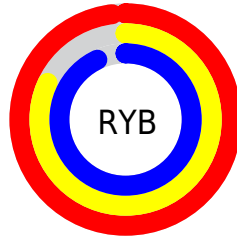
The XYZ color **77.3651, 71.9811, 89.1730** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.8022, 87.2561, 82.7685**, and the grayscale version is **71.0466, 74.7465, 81.3990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7861, 37.7439, 48.2630** is the 20% darker color. If you saturate the color by 10%, you get **70.4957, 60.1793, 80.9093**, and if you desaturate by 10%, it is **85.2604, 85.7377, 98.0729**.

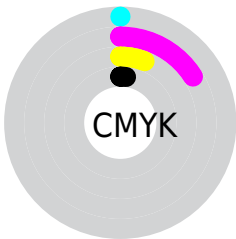
Distribution



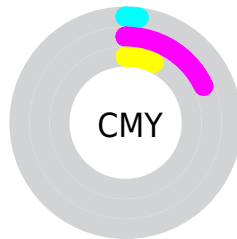
- Red (98%)
- Green (82%)
- Blue (93%)



- Red (98%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3651, 71.9811, 89.1730 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 77.3651, 71.9811, 89.1730 by changing the saturation by 10% instead.


 77.3651, 71.9811,
89.1730

 77.3651, 71.9811,
89.1730


474.8808,
467.4758, 545.8375

 57.8535, 53.1432,
66.7251


128.6248,
122.0297, 148.1146

 41.9337, 37.9171,
48.4011


161.1037,
154.0091, 185.4453

 29.2403, 25.9184,
33.7824


198.6358,
191.1380, 228.5741

 19.4079, 16.7626,
22.4504

241.5863,
233.8005, 277.9195

 12.0711, 10.0654,
13.9868

290.3208,
282.3812, 333.9000

 6.8647, 5.4423,
7.9728

345.2044,

 3.4232, 2.5091,

337.2643, 396.9341

3.9900

406.6026,
398.8344, 467.4404

■ 1.3813, 0.8812,
1.6199

■ 0.2428, 0.0000,
0.3049

■ 77.3651, 71.9811,
89.1730

■ 77.3651, 71.9811,
89.1730

■ 70.4957, 60.1793,
80.9093

■ 85.2604, 85.7377,
98.0729

■ 64.6003, 50.2330,
73.2581

■ 92.9266, 98.9409,
107.1921

■ 59.6320, 42.0485,
66.2002

■ 93.2348, 99.0642,
108.8150

■ 55.5370, 35.5199,
59.7137

■ 52.2562, 30.5300,
53.7744

■ 49.7223, 26.9460,
48.3556

■ 47.8570, 24.6126,
43.4265

■ 46.5626, 23.3357,
38.9500

■ 46.1823, 23.0272,
37.4296

Harmonies

Analogous

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



74.2020, 71.9811, 101.5981



77.3651, 71.9811, 89.1730



78.0776, 71.9811, 75.0808

Triad

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



77.3651, 71.9811, 89.1730



67.2557, 71.9811, 54.7800



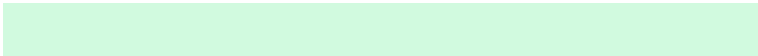
61.2625, 71.9811, 95.6310

Complementary

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



77.3651, 71.9811, 89.1730



73.8022, 87.2561, 82.7685

Split Complementary

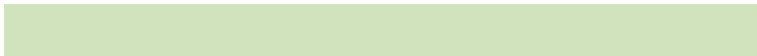
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.5860, 71.9811, 81.7646



77.3651, 71.9811, 89.1730



62.9386, 71.9811, 58.9916

Square

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



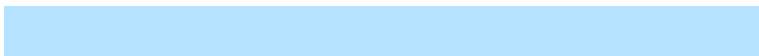
77.3651, 71.9811, 89.1730



72.0890, 71.9811, 56.2695



60.1849, 71.9811, 68.4862



64.8697, 71.9811, 105.6230

Rectangle

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



77.3651, 71.9811, 89.1730



77.0379, 71.9811, 66.8058



60.1849, 71.9811, 68.4862



60.4624, 71.9811, 91.2087

Sweetspot

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



77.3672, 71.9843, 89.1745



90.4234, 91.8559, 103.9385



70.3876, 68.1418, 99.8863



19.2200, 19.4252, 22.1008



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.



77.3672, 71.9843, 89.1745



78.2043, 70.5943, 90.0727



74.6005, 70.8776, 74.6052



17.7264, 17.4179, 20.4151



24.5664, 12.2423, 20.2230



2.3249, 1.1537, 2.1345

Inverse Universe

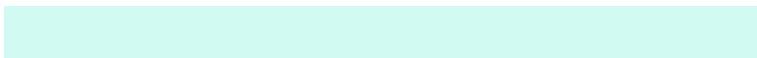
The Inverse Universe completely reimagines the original color for something new.



77.3672, 71.9843, 89.1745



78.2043, 70.5943, 90.0727



76.6853, 88.4094, 97.9506



17.7264, 17.4179, 20.4151



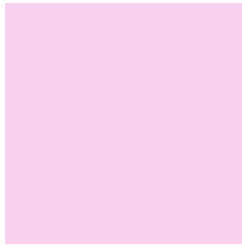
24.5664, 12.2423, 20.2230



2.3249, 1.1537, 2.1345

Previews

White Background



This preview shows how the XYZ color 77.3651, 71.9811, 89.1730 looks on a white background.

Color Contrast Check

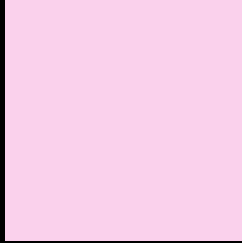
Large Text (above 18pt) WCAG AA × Fail

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 77.3651, 71.9811, 89.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

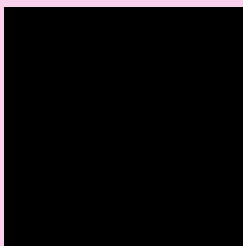
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3651, 71.9811, 89.1730

Background



This preview shows how black text looks on a background with the XYZ color 77.3651, 71.9811, 89.1730.



This preview shows how white text looks on a background with the XYZ color 77.3651, 71.9811,

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

77.3651, 71.9811, 89.1730

Protanopia

70.2720, 71.9793, 94.1941

Deuteranopia

73.6340, 71.9242, 88.5991



Tritanopia

76.2263, 72.2743, 82.6058

Trichromacy



Original Color

77.3651, 71.9811, 89.1730

Protanomaly

72.6617, 71.7151, 92.4508

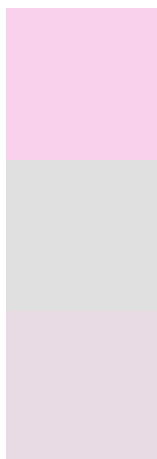
Deuteranomaly

74.8145, 71.7859, 88.5102

Tritanomaly

76.3964, 71.9461, 84.7234

Monochromacy



Original Color

77.3651, 71.9811, 89.1730

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9394, 73.5881, 83.7584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3651, 71.9811, 89.1730 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(250, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 236)  
}
```

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(250, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 236) }
```

Border

The CSS property to change the border of an element to XYZ 77.3651, 71.9811, 89.1730 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(250, 209, 236) }
```


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

```
.border{ border-color:rgb(250, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 209, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 209, 236); box-shadow:4px 4px 4px 4px rgb(250, 209, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3651, 71.9811, 89.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 236) }
```

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

```
.background{ background-color: rgb(250,  
209, 236) }
```

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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