

Converting Colors

XYZ(80.0461, 73.4754, 90.7630)

Have a look what the booklet for
XYZ(80.0461, 73.4754, 90.7630)
contains.

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Color

**XYZ(79.4731, 73.0340,
90.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1EE
RGB	255, 209, 238
RGB Percent	100%, 82%, 93%
CMY	0.0000, 0.1804, 0.0667
CMYK	0.00, 0.18, 0.07, 0.00
HSL	322°, 100%, 91%
HSV	322°, 18%, 100%
XYZ	79.4731, 73.0340, 90.7972
YIQ	226.0600, 18.1070, 18.7710

Conversions

Conversions Part 2

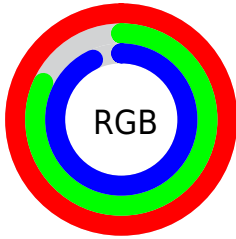
Format	Color
R _Y B	255, 209, 238
Decimal	16765422
CIE Lab	88.46, 20.77, -8.14
CIE LCh	88, 22.309, 338.602
Yxy	73.0340, 0.3266, 0.3002
Android (android.graphics.Color)	4294955502 (0xFFFFD1EE)
YUV	226.0600, 5.8864, 25.3804
Hunter-Lab	85.4599, 16.4404, -3.1709

Details

The XYZ color **79.4731, 73.0340, 90.7972** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.7843, 90.5674, 85.4418**, and the grayscale version is **72.2833, 76.0476, 82.8159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2878, 38.4944, 49.4046** is the 20% darker color. If you saturate the color by 10%, you get **72.3619, 60.9696, 81.7739**, and if you desaturate by 10%, it is **87.6614, 87.1359, 100.5392**.

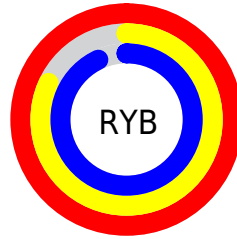
Distribution



Red (100%)

Green (82%)

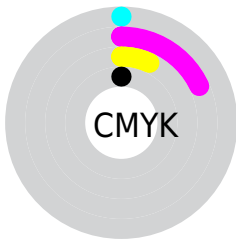
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

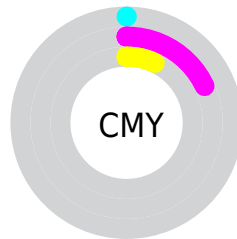


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4731, 73.0340, 90.7972 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 79.4731, 73.0340, 90.7972 by changing the saturation by 10% instead.

79.4731, 73.0340,
90.7972

79.4731, 73.0340,
90.7972

481.9190,
471.1326, 551.2576

59.5918, 54.0038,
68.0646

131.5791,
123.5255, 150.3904

43.3379, 38.6047,
49.4833

164.5346,
155.7555, 188.0881

30.3460, 26.4523,
34.6347

202.5788,
193.1543, 231.6113

20.2508, 17.1623,
23.1003

246.0771,
236.1061, 281.3784

12.6868, 10.3503,
14.4616

295.3950,
284.9955, 337.8081

7.2887, 5.6318,
8.3000

350.8977,

3.6912, 2.6225,

340.2068, 401.3188

4.1970

412.9506,
402.1244, 472.3291

■ 1.5290, 0.9380,
1.7340

■ 0.3454, 0.0000,
0.3839

■ 79.4731, 73.0340,
90.7972

■ 79.4731, 73.0340,
90.7972

■ 72.3619, 60.9696,
81.7739

■ 87.6614, 87.1359,
100.5392

■ 66.2742, 50.8383,
73.4429

95.0500, 100.0000,
108.9000

■ 61.1591, 42.5397,
65.7829

■ 56.9592, 35.9610,
58.7690

■ 53.6109, 30.9766,
52.3741

■ 51.0417, 27.4438,
46.5682

■ 49.1665, 25.1941,
41.3167

■ 47.8700, 23.9989,
36.5749

■ 47.6515, 23.8246,
35.6927

Harmonies

Analogous

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



76.0549, 73.0340, 104.9219



79.4731, 73.0340, 90.7972



80.1262, 73.0340, 75.1835

Triad

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



79.4731, 73.0340, 90.7972



67.8849, 73.0340, 53.7368



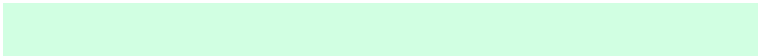
61.6615, 73.0340, 99.4189

Complementary

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



79.4731, 73.0340, 90.7972



75.7843, 90.5674, 85.4418

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.



59.7065, 73.0340, 84.0235



79.4731, 73.0340, 90.7972



63.1763, 73.0340, 58.5920

Square

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



79.4731, 73.0340, 90.7972



73.2495, 73.0340, 55.0601



60.2464, 73.0340, 69.2204



65.7198, 73.0340, 110.3288

Rectangle

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



79.4731, 73.0340, 90.7972



78.8751, 73.0340, 66.1981



60.2464, 73.0340, 69.2204



60.7463, 73.0340, 94.5227

Sweetspot

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



79.4747, 73.0370, 90.7987



90.3671, 91.8334, 103.6420



72.1753, 68.9717, 104.1166



19.2063, 19.4197, 22.0287



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.



79.4747, 73.0370, 90.7987



76.5300, 68.0167, 87.1376



76.3255, 71.7773, 74.2149



18.4912, 18.1798, 21.2038



24.9735, 12.4787, 19.0427



2.4844, 1.2361, 2.1320

Inverse Universe

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



79.4747, 73.0370, 90.7987



76.5300, 68.0167, 87.1376



79.1344, 91.9075, 103.0833



18.4912, 18.1798, 21.2038



24.9735, 12.4787, 19.0427



2.4844, 1.2361, 2.1320

Previews

White Background



This preview shows how the XYZ color 79.4731, 73.0340, 90.7972 looks on a white background.

Color Contrast Check

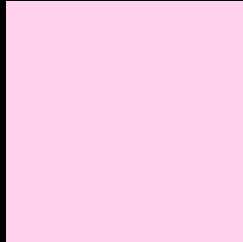
Large Text (above 18pt) WCAG AA × Fail

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 79.4731, 73.0340, 90.7972 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 79.4731, 73.0340, 90.7972

Background



This preview shows how black text looks on a background with the XYZ color 79.4731, 73.0340, 90.7972.



This preview shows how white text looks on a background with the XYZ color 79.4731, 73.0340,

90.7972.

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

79.4731, 73.0340, 90.7972

Protanopia

71.5513, 73.3655, 96.7760

Deuteranopia

74.7670, 73.2307, 90.3151



Tritanopia

78.0324, 73.2054, 82.6903

Trichromacy



Original Color

79.4731, 73.0340, 90.7972

Protanomaly

74.1186, 73.1923, 94.2255

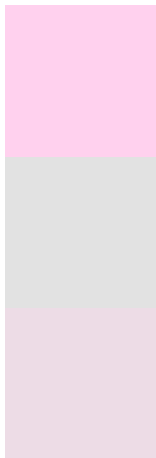
Deuteranomaly

76.3885, 72.9360, 90.1727

Tritanomaly

78.3434, 72.9335, 85.5497

Monochromacy



Original Color

79.4731, 73.0340, 90.7972

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.8012, 74.9041, 85.3784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4731, 73.0340, 90.7972 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(255, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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(255, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.4731, 73.0340, 90.7972 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(255, 209, 238) }
```


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

```
.border{ border-color:rgb(255, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4731, 73.0340, 90.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 238) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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