

Converting Colors

XYZ(82.1596, 74.8637, 89.9346)

Have a look what the booklet for
XYZ(82.1596, 74.8637, 89.9346)
contains.

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Color

**XYZ(79.5727, 73.4676,
90.1075)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2ED
RGB	255, 210, 237
RGB Percent	100%, 82%, 93%
CMY	0.0000, 0.1764, 0.0706
CMYK	0.00, 0.18, 0.07, 0.00
HSL	324°, 100%, 91%
HSV	324°, 18%, 100%
XYZ	79.5727, 73.4676, 90.1075
YIQ	226.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

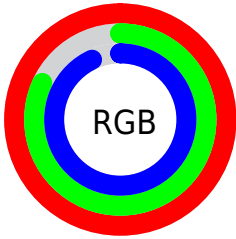
Format	Color
R _Y B	255, 210, 237
Decimal	16765677
CIE Lab	88.67, 20.08, -7.31
CIE LCh	89, 21.366, 340.005
Yxy	73.4676, 0.3273, 0.3022
Android (android.graphics.Color)	4294955757 (0xFFFFD2ED)
YUV	226.5330, 5.1602, 24.9656
Hunter-Lab	85.7132, 15.7140, -2.3303

Details

The XYZ color **79.5727, 73.4676, 90.1075** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.3442, 90.8242, 86.9091**, and the grayscale version is **72.6306, 76.4131, 83.2139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3505, 38.7847, 48.9174** is the 20% darker color. If you saturate the color by 10%, you get **72.3234, 61.2866, 80.5466**, and if you desaturate by 10%, it is **87.9131, 87.6946, 100.4524**.

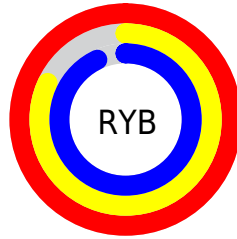
Distribution



Red (100%)

Green (82%)

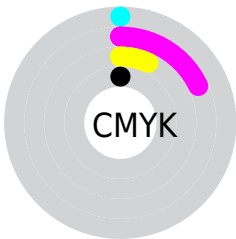
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

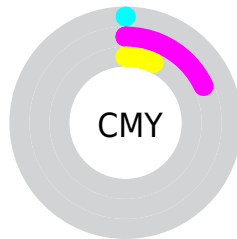


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5727, 73.4676, 90.1075 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 79.5727, 73.4676, 90.1075 by changing the saturation by 10% instead.


 79.5727, 73.4676,
90.1075

 79.5727, 73.4676,
90.1075


482.2501,
472.6338, 548.9596

 59.6740, 54.3584,
67.4956

131.7185,
124.1408, 149.4245

 43.4044, 38.8883,
49.0234


164.6963,
156.4736, 186.9667

 30.3985, 26.6728,
34.2723


202.7646,
193.9830, 230.3228

 20.2908, 17.3277,
22.8238

246.2887,
237.0535, 279.9112

 12.7161, 10.4684,
14.2594

295.6339,
286.0695, 336.1506

 7.3090, 5.7106,
8.1605

351.1657,

 3.7041, 2.6699,

341.4152, 399.4594

4.1086

413.2493,
403.4752, 470.2562

■ 1.5361, 0.9619,
1.6851

■ 0.3502, 0.0000,
0.3505

■ 79.5727, 73.4676,
90.1075

■ 79.5727, 73.4676,
90.1075

■ 72.3234, 61.2866,
80.5466

■ 87.9131, 87.6946,
100.4524

■ 66.1116, 51.0473,
71.7420

95.0500, 100.0000,
108.9000

■ 60.8862, 42.6496,
63.6706

■ 56.5897, 35.9810,
56.3059

■ 53.1584, 30.9163,
49.6193

■ 50.5199, 27.3134,
43.5790

■ 48.5894, 25.0050,
38.1487

■ 47.2550, 23.7703,
33.2830

■ 46.9893, 23.5597,
32.2055

Harmonies

Analogous

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



76.4026, 73.4676, 103.7907



79.5727, 73.4676, 90.1075



80.0615, 73.4676, 75.1581

Triad

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



79.5727, 73.4676, 90.1075



68.1192, 73.4676, 55.1488



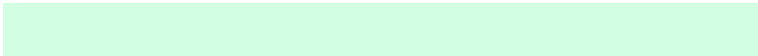
62.5019, 73.4676, 99.6846

Complementary

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



79.5727, 73.4676, 90.1075



76.3442, 90.8242, 86.9091

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.



60.5073, 73.4676, 85.0324



79.5727, 73.4676, 90.1075



63.6432, 73.4676, 60.1442

Square

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



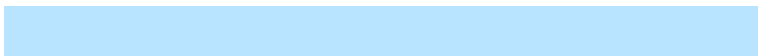
79.5727, 73.4676, 90.1075



73.2762, 73.4676, 56.1541



60.9146, 73.4676, 70.6666



66.4911, 73.4676, 109.7746

Rectangle

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



79.5727, 73.4676, 90.1075



78.7772, 73.4676, 66.6097



60.9146, 73.4676, 70.6666



61.5850, 73.4676, 95.0602

Sweetspot

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



79.5743, 73.4706, 90.1090



90.3062, 91.8090, 103.3213



73.0941, 69.8106, 104.2301



19.1915, 19.4138, 21.9507



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.



79.5743, 73.4706, 90.1090



77.0225, 69.1597, 86.8147



76.4903, 72.2370, 73.8688



18.4670, 18.1701, 21.0763



24.6287, 12.3408, 17.2270



2.4520, 1.2232, 1.9617

Inverse Universe

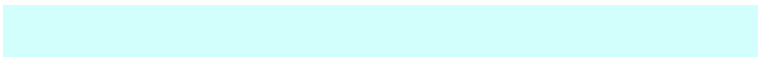
The Inverse Universe completely reimagines the original color for something new.



79.5743, 73.4706, 90.1090



77.0225, 69.1597, 86.8147



79.6739, 92.1561, 104.4432



18.4670, 18.1701, 21.0763



24.6287, 12.3408, 17.2270



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 79.5727, 73.4676, 90.1075 looks on a white background.

Color Contrast Check

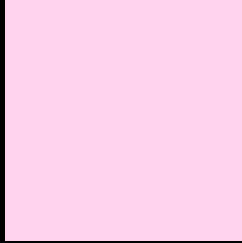
Large Text (above 18pt) WCAG AA × Fail

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 79.5727, 73.4676, 90.1075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

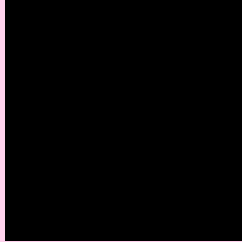
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5727, 73.4676, 90.1075

Background



This preview shows how black text looks on a background with the XYZ color 79.5727, 73.4676, 90.1075.



This preview shows how white text looks on a background with the XYZ color 79.5727, 73.4676,

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

79.5727, 73.4676, 90.1075

Protanopia

72.0044, 73.6167, 96.0024

Deuteranopia

75.2928, 73.5186, 89.5790



Tritanopia

78.4201, 73.7592, 83.5026

Trichromacy



Original Color

79.5727, 73.4676, 90.1075

Protanomaly

74.2943, 73.3002, 93.4517

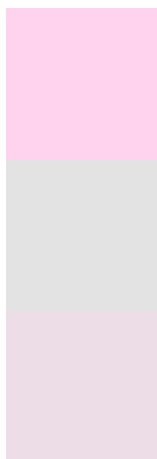
Deuteranomaly

76.8431, 73.5617, 89.5056

Tritanomaly

78.5911, 73.4289, 85.6323

Monochromacy



Original Color

79.5727, 73.4676, 90.1075

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.2053, 75.4869, 86.2080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5727, 73.4676, 90.1075 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, 210, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.5727, 73.4676, 90.1075 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, 210, 237) }
```


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

```
.border{ border-color:rgb(255, 210, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5727, 73.4676, 90.1075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 237) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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