

Converting Colors

XYZ(78.8691, 72.6251, 88.1326)

Have a look what the booklet for
XYZ(78.8691, 72.6251, 88.1326)
contains.

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Color

**XYZ(79.0359, 72.8591,
88.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1EB
RGB	255, 209, 235
RGB Percent	100%, 82%, 92%
CMY	0.0000, 0.1804, 0.0784
CMYK	0.00, 0.18, 0.08, 0.00
HSL	326°, 100%, 91%
HSV	326°, 18%, 100%
XYZ	79.0359, 72.8591, 88.4948
YIQ	225.7180, 19.0700, 17.8380

Conversions

Conversions Part 2

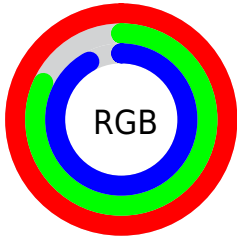
Format	Color
R _Y B	255, 209, 235
Decimal	16765419
CIE Lab	88.38, 20.27, -6.68
CIE LCh	88, 21.338, 341.760
Yxy	72.8591, 0.3288, 0.3031
Android (android.graphics.Color)	4294955499 (0xFFFFD1EB)
YUV	225.7180, 4.5760, 25.6803
Hunter-Lab	85.3575, 15.9045, -1.7189

Details

The XYZ color **79.0359, 72.8591, 88.4948** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1997, 90.7336, 87.6293**, and the grayscale version is **72.0450, 75.7969, 82.5428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9810, 38.3716, 47.7889** is the 20% darker color. If you saturate the color by 10%, you get **71.7209, 60.7132, 78.3984**, and if you desaturate by 10%, it is **87.4553, 87.0534, 99.4540**.

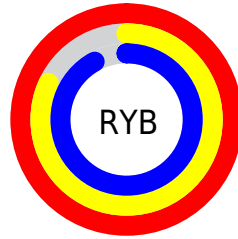
Distribution



Red (100%)

Green (82%)

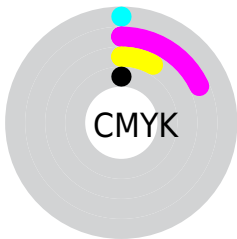
Blue (92%)



Red (100%)

Yellow (82%)

Blue (92%)

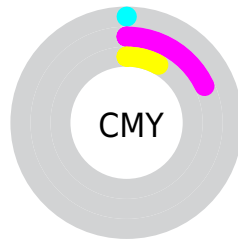


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0359, 72.8591, 88.4948 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 79.0359, 72.8591, 88.4948 by changing the saturation by 10% instead.


 79.0359, 72.8591,
88.4948

 79.0359, 72.8591,
88.4948


480.4639,
470.5263, 543.5655

 59.2311, 53.8608,
66.1663


130.9671,
123.2772, 147.1630

 43.0462, 38.4904,
47.9500


163.8241,
155.4657, 184.3398

 30.1161, 26.3635,
33.4276

201.7626,
192.8197, 227.3030

 20.0752, 17.0958,
22.1804

245.1478,
235.7236, 276.4713

 12.5583, 10.3028,
13.7900

294.3452,
284.5619, 332.2631

 7.2000, 5.6002,
7.8376

349.7202,

 3.6349, 2.6035,

339.7188, 395.0971

3.9050

411.6379,
401.5788, 465.3917

■ 1.4978, 0.9284,
1.5733

■ 0.3243, 0.0000,
0.2717

■ 79.0359, 72.8591,
88.4948

■ 79.0359, 72.8591,
88.4948

■ 71.7209, 60.7132,
78.3984

■ 87.4553, 87.0534,
99.4540

■ 65.4560, 50.5110,
69.1348

95.0500, 100.0000,
108.9000

■ 60.1898, 42.1520,
60.6786

■ 55.8639, 35.5229,
53.0012

■ 52.4139, 30.4978,
46.0712

■ 49.7667, 26.9338,
39.8542

■ 47.8362, 24.6620,
34.3111

■ 46.5060, 23.4533,
29.3925

■ 46.2835, 23.2774,
28.4886

Harmonies

Analogous

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



76.0219, 72.8591, 102.2960



79.0359, 72.8591, 88.4948



79.3511, 72.8591, 73.7178

Triad

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



79.0359, 72.8591, 88.4948



67.2616, 72.8591, 54.7886



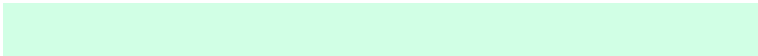
62.1578, 72.8591, 99.6476

Complementary

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



79.0359, 72.8591, 88.4948



76.1997, 90.7336, 87.6293

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.



60.0454, 72.8591, 85.2225



79.0359, 72.8591, 88.4948



62.8934, 72.8591, 60.0894

Square

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



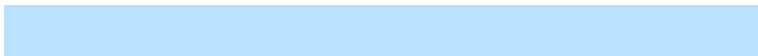
79.0359, 72.8591, 88.4948



72.3802, 72.8591, 55.4360



60.3079, 72.8591, 70.8230



66.2121, 72.8591, 109.2620

Rectangle

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



79.0359, 72.8591, 88.4948



77.9701, 72.8591, 65.3860



60.3079, 72.8591, 70.8230



61.2063, 72.8591, 95.1302

Sweetspot

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



79.0375, 72.8621, 88.4963



90.2367, 91.7812, 102.9556



73.1448, 69.4714, 104.1619



19.1746, 19.4070, 21.8618



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.



79.0375, 72.8621, 88.4963



76.0088, 67.8082, 84.3929



75.9347, 71.6209, 72.1571



18.4395, 18.1591, 20.9313



24.2605, 12.1935, 15.2881



2.4170, 1.2092, 1.7775

Inverse Universe

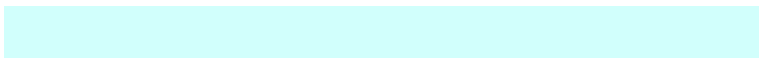
The Inverse Universe completely reimagines the original color for something new.



79.0375, 72.8621, 88.4963



76.0088, 67.8082, 84.3929



79.6164, 92.1002, 105.6213



18.4395, 18.1591, 20.9313



24.2605, 12.1935, 15.2881



2.4170, 1.2092, 1.7775

Previews

White Background



This preview shows how the XYZ color 79.0359, 72.8591, 88.4948 looks on a white background.

Color Contrast Check

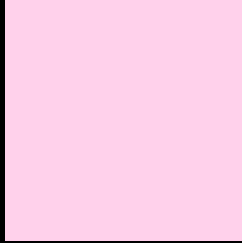
Large Text (above 18pt) WCAG AA × Fail

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 79.0359, 72.8591, 88.4948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

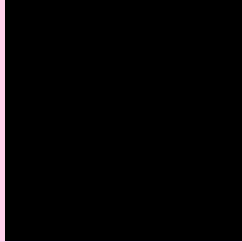
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0359, 72.8591, 88.4948

Background



This preview shows how black text looks on a background with the XYZ color 79.0359, 72.8591, 88.4948.



This preview shows how white text looks on a background with the XYZ color 79.0359, 72.8591,

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

79.0359, 72.8591, 88.4948

Protanopia

71.3987, 73.3394, 94.3972

Deuteranopia

74.4116, 72.7185, 87.9561



Tritanopia

77.7848, 72.7101, 82.6078

Trichromacy



Original Color

79.0359, 72.8591, 88.4948

Protanomaly

73.9971, 73.1813, 91.8867

Deuteranomaly

75.9538, 72.7621, 87.8832

Tritanomaly

78.2026, 72.8772, 84.8079

Monochromacy



Original Color

79.0359, 72.8591, 88.4948

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6611, 74.8481, 84.6408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0359, 72.8591, 88.4948 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 235) }
```

Border

The CSS property to change the border of an element to XYZ 79.0359, 72.8591, 88.4948 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, 235) }
```


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

```
.border{ border-color:rgb(255, 209, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0359, 72.8591, 88.4948 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
209, 235) }
```

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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