

Converting Colors

XYZ(79.2726, 69.8934, 99.1761)

Have a look what the booklet for
XYZ(79.2726, 69.8934, 99.1761)
contains.

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Color

**XYZ(79.2255, 69.8728,
98.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F9
RGB	255, 201, 249
RGB Percent	100%, 79%, 98%
CMY	0.0000, 0.2117, 0.0235
CMYK	0.00, 0.21, 0.02, 0.00
HSL	307°, 100%, 89%
HSV	307°, 21%, 100%
XYZ	79.2255, 69.8728, 98.9337
YIQ	222.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

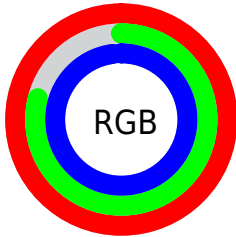
Format	Color
R _Y B	255, 201, 249
Decimal	16763385
CIE Lab	86.93, 26.87, -16.24
CIE LCh	87, 31.400, 328.856
Yxy	69.8728, 0.3194, 0.2817
Android (android.graphics.Color)	4294953465 (0xFFFFC9F9)
YUV	222.6180, 13.0063, 28.3990
Hunter-Lab	83.5900, 22.8976, -11.6603

Details

The XYZ color **79.2255, 69.8728, 98.9337** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.1120, 88.4435, 72.3576**, and the grayscale version is **69.7721, 73.4057, 79.9388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3481, 36.7235, 55.2557** is the 20% darker color. If you saturate the color by 10%, you get **73.3290, 58.7813, 94.8053**, and if you desaturate by 10%, it is **86.1185, 82.9459, 103.4291**.

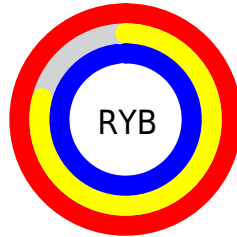
Distribution



Red (100%)

Green (79%)

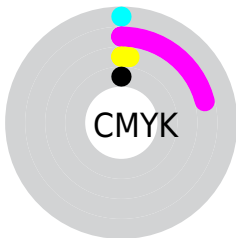
Blue (98%)



Red (100%)

Yellow (79%)

Blue (98%)

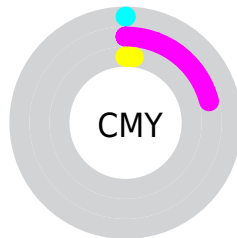


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2255, 69.8728, 98.9337 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 79.2255, 69.8728, 98.9337 by changing the saturation by 10% instead.

 79.2255, 69.8728,
98.9337

 79.2255, 69.8728,
98.9337


481.0953,
460.1033, 577.9860

 59.3875, 51.4228,
74.7984


131.2325,
119.0273, 161.7301

 43.1727, 36.5452,
54.9470


164.1323,
150.5007, 201.2284

 30.2158, 24.8556,
38.9610

202.1166,
187.0840, 246.6847

 20.1513, 15.9695,
26.4218

245.5510,
229.1616, 298.5176

 12.6140, 9.5026,
16.9109

294.8006,
277.1180, 357.1456

 7.2384, 5.0704,
10.0097

350.2310,

 3.6593, 2.2886,

331.3374, 422.9874

5.2997

412.2074,
392.2044, 496.4613

■ 1.5113, 0.7677,
2.3623

■ 0.3335, 0.0000,
0.7658

■ 79.2255, 69.8728,
98.9337

■ 79.2255, 69.8728,
98.9337

■ 73.3290, 58.7813,
94.8053

■ 86.1185, 82.9459,
103.4291

■ 68.3756, 49.5658,
91.0230

■ 94.0487, 98.0830,
108.3022

■ 64.3141, 42.1235,
87.5706

95.0500, 100.0000,
108.9000

■ 61.0864, 36.3384,
84.4286

■ 58.6276, 32.0805,
81.5752

■ 56.8631, 29.2007,
78.9854

■ 55.7033, 27.5200,
76.6292

■ 55.0596, 26.7878,
74.7028

Harmonies

Analogous

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



73.4519, 69.8728, 117.2105



79.2255, 69.8728, 98.9337



81.5302, 69.8728, 76.8886

Triad

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



79.2255, 69.8728, 98.9337



66.6939, 69.8728, 42.4269



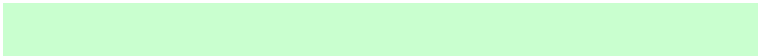
54.8124, 69.8728, 97.2796

Complementary

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



79.2255, 69.8728, 98.9337



71.1120, 88.4435, 72.3576

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.



53.2887, 69.8728, 75.2763



79.2255, 69.8728, 98.9337



59.8369, 69.8728, 45.9096

Square

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



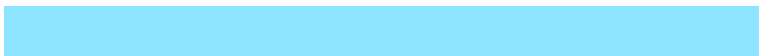
79.2255, 69.8728, 98.9337



73.9745, 69.8728, 46.4877



55.0604, 69.8728, 57.0476



59.3833, 69.8728, 116.1385

Rectangle

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



79.2255, 69.8728, 98.9337



80.6689, 69.8728, 63.7607



55.0604, 69.8728, 57.0476



53.9424, 69.8728, 89.8911

Sweetspot

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



79.2271, 69.8756, 98.9352



90.0893, 90.5147, 105.9023



64.5042, 62.1758, 103.2091



19.1722, 19.1627, 22.5994



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.



79.2271, 69.8756, 98.9352



76.8558, 65.4029, 97.3130



75.3938, 68.3423, 78.7497



18.7006, 18.2636, 22.3065



28.8047, 14.0112, 39.2175



2.8284, 1.3737, 3.9436

Inverse Universe

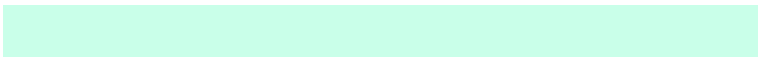
The Inverse Universe completely reimagines the original color for something new.



79.2271, 69.8756, 98.9352



76.8558, 65.4029, 97.3130



74.6145, 89.8445, 90.8016



18.7006, 18.2636, 22.3065



28.8047, 14.0112, 39.2175



2.8284, 1.3737, 3.9436

Previews

White Background



This preview shows how the XYZ color 79.2255, 69.8728, 98.9337 looks on a white background.

Color Contrast Check

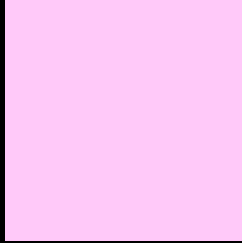
Large Text (above 18pt) WCAG AA × Fail

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 79.2255, 69.8728, 98.9337 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 79.2255, 69.8728, 98.9337

Background



This preview shows how black text looks on a background with the XYZ color 79.2255, 69.8728, 98.9337.



This preview shows how white text looks on a background with the XYZ color 79.2255, 69.8728,

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

79.2255, 69.8728, 98.9337

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.6960, 69.9711, 97.7227



Tritanopia

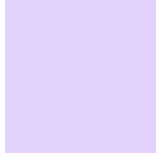
75.0398, 69.9258, 78.6492

Trichromacy



Original Color

79.2255, 69.8728, 98.9337



Protanomaly

72.3879, 69.8491, 102.5955



Deuteranomaly

74.4242, 69.8936, 98.3752



Tritanomaly

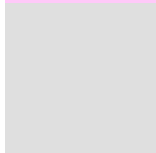
76.3032, 69.7074, 85.7772

Monochromacy



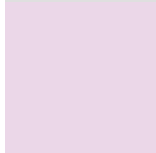
Original Color

79.2255, 69.8728, 98.9337



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.1269, 72.0892, 86.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2255, 69.8728, 98.9337 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, 201, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 249)  
}
```

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, 201, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.2255, 69.8728, 98.9337 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, 201, 249) }
```


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

```
.border{ border-color:rgb(255, 201, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2255, 69.8728, 98.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 249) }
```

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

```
.background{ background-color: rgb(255,  
201, 249) }
```

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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