

Converting Colors

XYZ(90.4685, 78.7432, 90.5726)

Have a look what the booklet for
XYZ(90.4685, 78.7432, 90.5726)
contains.

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Color

**XYZ(79.3265, 72.9754,
90.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1ED
RGB	255, 209, 237
RGB Percent	100%, 82%, 93%
CMY	0.0000, 0.1804, 0.0706
CMYK	0.00, 0.18, 0.07, 0.00
HSL	323°, 100%, 91%
HSV	323°, 18%, 100%
XYZ	79.3265, 72.9754, 90.0255
YIQ	225.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

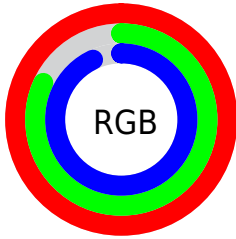
Format	Color
R _Y B	255, 209, 237
Decimal	16765421
CIE Lab	88.44, 20.60, -7.65
CIE LCh	88, 21.977, 339.622
Yxy	72.9754, 0.3274, 0.3011
Android (android.graphics.Color)	4294955501 (0xFFFFD1ED)
YUV	225.9460, 5.4496, 25.4804
Hunter-Lab	85.4256, 16.2608, -2.6846

Details

The XYZ color **79.3265, 72.9754, 90.0255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.9220, 90.6225, 86.1668**, and the grayscale version is **72.2039, 75.9641, 82.7249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1848, 38.4532, 48.8622** is the 20% darker color. If you saturate the color by 10%, you get **72.1463, 60.8834, 80.6386**, and if you desaturate by 10%, it is **87.5926, 87.1084, 100.1767**.

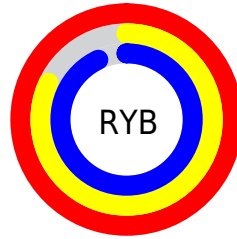
Distribution



Red (100%)

Green (82%)

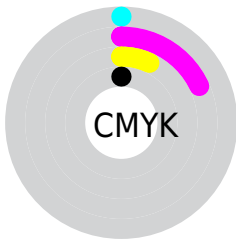
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

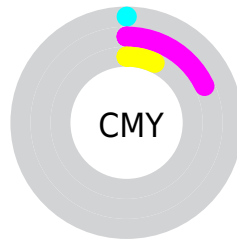


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3265, 72.9754, 90.0255 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 79.3265, 72.9754, 90.0255 by changing the saturation by 10% instead.


 79.3265, 72.9754,
90.0255

 79.3265, 72.9754,
90.0255


481.4314,
470.9295, 548.6860

 59.4708, 53.9558,
67.4280


131.3739,
123.4423, 149.3096

 43.2401, 38.5664,
48.9687


164.2964,
155.6584, 186.8333

 30.2689, 26.4226,
34.2292

202.3052,
193.0422, 230.1695

 20.1919, 17.1400,
22.7910

245.7656,
235.9780, 279.7366

 12.6437, 10.3344,
14.2354

295.0431,
284.8502, 335.9533

 7.2589, 5.6212,
8.1440

350.5030,

 3.6723, 2.6162,

340.0433, 399.2381

4.0981

412.5106,
401.9416, 470.0095

■ 1.5185, 0.9348,
1.6793

■ 0.3384, 0.0000,
0.3465

■ 79.3265, 72.9754,
90.0255

■ 79.3265, 72.9754,
90.0255

■ 72.1463, 60.8834,
80.6386

■ 87.5926, 87.1084,
100.1767

■ 65.9980, 50.7278,
71.9885

95.0500, 100.0000,
108.9000

■ 60.8305, 42.4083,
64.0526

■ 56.5863, 35.8118,
56.8051

■ 53.2013, 30.8128,
50.2174

■ 50.6031, 27.2684,
44.2584

■ 48.7061, 25.0099,
38.8922

■ 47.3948, 23.8088,
34.0725

■ 47.1742, 23.6337,
33.1791

Harmonies

Analogous

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



76.0432, 72.9754, 104.0412



79.3265, 72.9754, 90.0255



79.8667, 72.9754, 74.6934

Triad

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



79.3265, 72.9754, 90.0255



67.6767, 72.9754, 54.0862



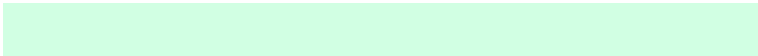
61.8264, 72.9754, 99.4934

Complementary

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



79.3265, 72.9754, 90.0255



75.9220, 90.6225, 86.1668

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.



59.8193, 72.9754, 84.4207



79.3265, 72.9754, 90.0255



63.0820, 72.9754, 59.0882

Square

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



79.3265, 72.9754, 90.0255



72.9589, 72.9754, 55.1859



60.2670, 72.9754, 69.7513



65.8833, 72.9754, 109.9707

Rectangle

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



79.3265, 72.9754, 90.0255



78.5722, 72.9754, 65.9274



60.2670, 72.9754, 69.7513



60.8993, 72.9754, 94.7234

Sweetspot

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



79.3282, 72.9784, 90.0270



90.3236, 91.8160, 103.4129



72.4162, 69.0959, 104.1278



19.1957, 19.4155, 21.9729



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.



79.3282, 72.9784, 90.0270



76.3551, 67.9467, 86.2164



76.2271, 71.7380, 73.6969



18.4739, 18.1729, 21.1127



24.7250, 12.3793, 17.7343



2.4611, 1.2268, 2.0095

Inverse Universe

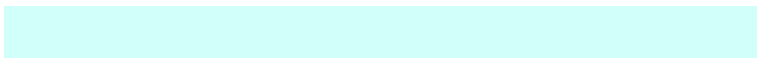
The Inverse Universe completely reimagines the original color for something new.



79.3282, 72.9784, 90.0270



76.3551, 67.9467, 86.2164



79.2542, 91.9554, 103.7139



18.4739, 18.1729, 21.1127



24.7250, 12.3793, 17.7343



2.4611, 1.2268, 2.0095

Previews

White Background



This preview shows how the XYZ color 79.3265, 72.9754, 90.0255 looks on a white background.

Color Contrast Check

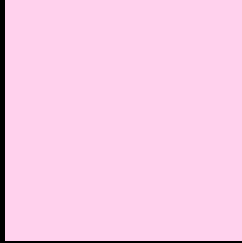
Large Text (above 18pt) WCAG AA × Fail

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 79.3265, 72.9754, 90.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

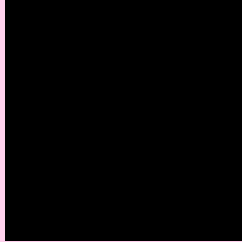
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3265, 72.9754, 90.0255

Background



This preview shows how black text looks on a background with the XYZ color 79.3265, 72.9754, 90.0255.



This preview shows how white text looks on a background with the XYZ color 79.3265, 72.9754,

90.0255.

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

79.3265, 72.9754, 90.0255

Protanopia

71.7008, 73.4602, 95.9882

Deuteranopia

74.9561, 73.3450, 89.5633



Tritanopia

78.0324, 73.2054, 82.6903

Trichromacy



Original Color

79.3265, 72.9754, 90.0255

Protanomaly

74.2943, 73.3002, 93.4517

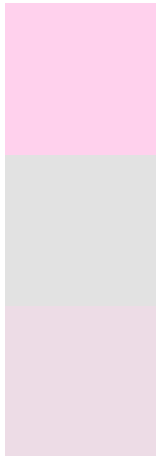
Deuteranomaly

76.2428, 72.8777, 89.4053

Tritanomaly

78.3434, 72.9335, 85.5497

Monochromacy



Original Color

79.3265, 72.9754, 90.0255

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 79.3265, 72.9754, 90.0255 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.3265, 72.9754, 90.0255 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, 237) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 237); box-shadow:4px 4px 4px 4px rgb(255, 209, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3265, 72.9754, 90.0255 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, 237) }
```

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

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