

# Converting Colors

XYZ(79.9498, 73.7865,  
109.1282)

Have a look what the booklet for  
XYZ(79.9498, 73.7865, 109.1282)  
contains.

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# Color

**XYZ(79.0005, 73.2210,  
104.5770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D3FF
RGB	245, 211, 255
RGB Percent	96%, 83%, 100%
CMY	0.0392, 0.1725, 0.0000
CMYK	0.04, 0.17, 0.00, 0.00
HSL	286°, 100%, 91%
HSV	286°, 17%, 100%
XYZ	79.0005, 73.2210, 104.5770
YIQ	226.1820, 6.1400, 20.8920

# Conversions

## Conversions Part 2

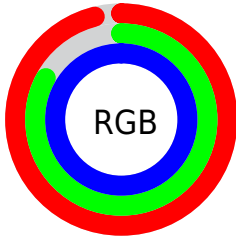
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 211, 255
Decimal	16110591
CIE <sub>Lab</sub>	88.55, 19.45, -17.06
CIE <sub>LCh</sub>	89, 25.876, 318.741
Yxy	73.2210, 0.3076, 0.2851
Android (android.graphics.Color)	4294300671 (0xFFFF5D3FF)
YUV	226.1820, 14.2073, 16.5034
Hunter-Lab	85.5693, 15.0511, -12.5618

# Details

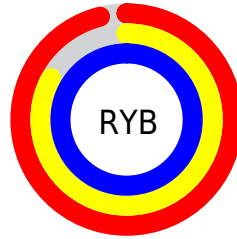
The XYZ color **79.0005, 73.2210, 104.5770** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.3384, 91.5961, 75.2352**, and the grayscale version is **72.3195, 76.0858, 82.8574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8205, 38.5455, 58.6092** is the 20% darker color. If you saturate the color by 10%, you get **71.1714, 60.5166, 102.5375**, and if you desaturate by 10%, it is **87.9018, 87.9739, 106.9555**.

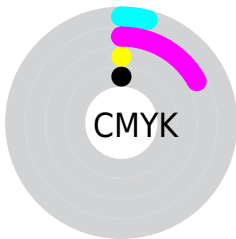
# Distribution



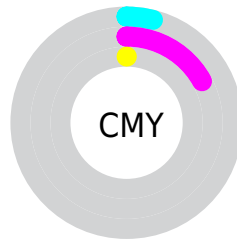
- Red (96%)
- Green (83%)
- Blue (100%)



- Red (96%)
- Yellow (83%)
- Blue (100%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0005, 73.2210, 104.5770 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 79.0005, 73.2210, 104.5770 by changing the saturation by 10% instead.



79.0005, 73.2210,  
104.5770

79.0005, 73.2210,  
104.5770

480.3460,  
471.7804, 596.1409

59.2019, 54.1567,  
79.4903

130.9175,  
123.7909, 169.5395

43.0226, 38.7269,  
58.7754

163.7665,  
156.0653, 210.2524

30.0975, 26.5474,  
42.0135

201.6964,  
193.5118, 257.0111

20.0610, 17.2336,  
28.7862

245.0725,  
236.5149, 310.2342

12.5479, 10.4012,  
18.6750

294.2602,  
285.4589, 370.3401

7.1928, 5.6657,  
11.2612

349.6247,

3.6304, 2.6429,

340.7282, 437.7476

6.1264

411.5316,  
402.7072, 512.8750

■ 1.4952, 0.9483,  
2.8521

■ 0.3226, 0.0000,  
1.0196

■ 79.0005, 73.2210,  
104.5770

■ 79.0005, 73.2210,  
104.5770

■ 71.1714, 60.5166,  
102.5375

■ 87.9018, 87.9739,  
106.9555

■ 64.3607, 49.7566,  
100.8195

95.0500, 100.0000,  
108.9000

■ 58.5187, 40.8417,  
99.4067

■ 53.5890, 33.6600,  
98.2803

■ 49.5090, 28.0872,  
97.4197

■ 46.2078, 23.9824,  
96.8014

■ 43.6021, 21.1797,  
96.3977

■ 41.5844, 19.4653,  
96.1732

■ 41.0891, 19.0971,  
96.1282

# Harmonies

## Analogous

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



73.5173, 73.2210, 116.8567



79.0005, 73.2210, 104.5770



82.0259, 73.2210, 86.6182

# Triad

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



79.0005, 73.2210, 104.5770



71.9613, 73.2210, 50.5718



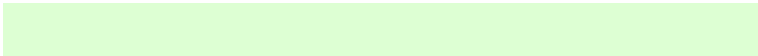
58.8482, 73.2210, 91.2721

# Complementary

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



79.0005, 73.2210, 104.5770



77.3384, 91.5961, 75.2352

# 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.



58.4870, 73.2210, 73.2080



79.0005, 73.2210, 104.5770



65.8135, 73.2210, 51.4326

# Square

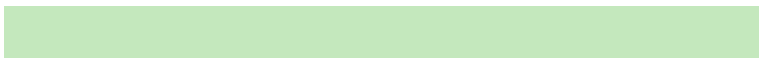
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



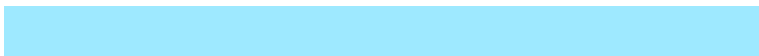
79.0005, 73.2210, 104.5770



77.8030, 73.2210, 56.6015



60.9662, 73.2210, 59.1599



61.9844, 73.2210, 108.4188



# Rectangle

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



79.0005, 73.2210, 104.5770



82.1280, 73.2210, 74.6210



60.9662, 73.2210, 59.1599



58.4055, 73.2210, 85.0570

# Sweetspot

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



79.0025, 73.2241, 104.5775



90.0586, 91.5878, 107.5394



70.8435, 72.9257, 104.9500



19.1309, 19.3598, 22.9785



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.



79.0025, 73.2241, 104.5775



75.9454, 68.2280, 103.7743



80.7538, 74.3385, 95.0990



18.3652, 18.0800, 22.7718



21.6059, 10.0487, 50.2354



2.1976, 1.0268, 4.8956



# Inverse Universe

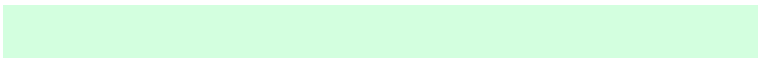
The Inverse Universe completely reimagines the original color for something new.



77.5872, 73.0718, 78.4239



74.3207, 68.0790, 72.5872



75.9094, 90.6832, 83.1292



18.1784, 18.0547, 19.5567



21.9934, 11.2866, 3.3496

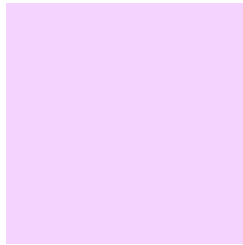


2.1807, 1.1147, 0.5332



# Previews

## White Background



This preview shows how the XYZ color 79.0005, 73.2210, 104.5770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

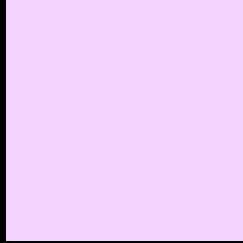
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.0005, 73.2210, 104.5770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

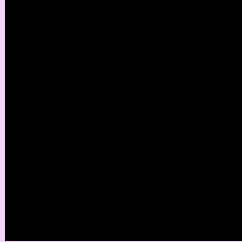
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 79.0005, 73.2210, 104.5770

## Background



This preview shows how black text looks on a background with the XYZ color 79.0005, 73.2210, 104.5770.



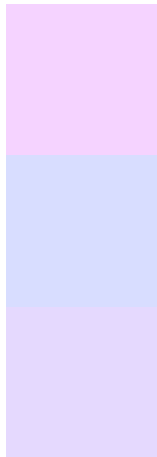
This preview shows how white text looks on a background with the XYZ color 79.0005, 73.2210,

104.5770.

# 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

79.0005, 73.2210, 104.5770

### Protanopia

72.2254, 73.5318, 104.9941

### Deuteranopia

75.0153, 73.4395, 103.9874



## Tritanopia

75.4839, 73.3043, 86.5146

# Trichromacy



## Original Color

79.0005, 73.2210, 104.5770

## Protanomaly

74.5414, 73.1766, 104.8035

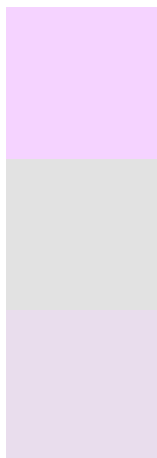
## Deuteranomaly

76.4508, 73.4188, 103.9078

## Tritanomaly

76.7369, 73.4391, 92.5688

# Monochromacy



## Original Color

79.0005, 73.2210, 104.5770

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

74.7468, 75.1510, 90.6868

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.0005, 73.2210, 104.5770 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(245, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 255)  
}
```

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(245, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 79.0005, 73.2210, 104.5770 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(245, 211, 255) }
```



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

```
.border{ border-color:rgb(245, 211, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.0005, 73.2210, 104.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 255) }
```

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

```
.background{ background-color: rgb(245,  
211, 255) }
```

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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