

Converting Colors

XYZ(79.7843, 74.1043, 83.4960)

Have a look what the booklet for
XYZ(79.7843, 74.1043, 83.4960)
contains.

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Color

**XYZ(78.5379, 73.4500,
83.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3E4
RGB	255, 211, 228
RGB Percent	100%, 83%, 89%
CMY	0.0000, 0.1725, 0.1059
CMYK	0.00, 0.17, 0.11, 0.00
HSL	337°, 100%, 91%
HSV	337°, 17%, 100%
XYZ	78.5379, 73.4500, 83.4367
YIQ	226.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

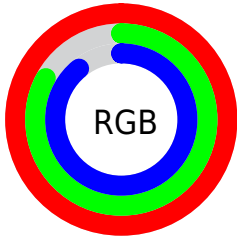
Format	Color
R _Y B	255, 211, 228
Decimal	16765924
CIE Lab	88.66, 18.06, -2.57
CIE LCh	89, 18.244, 351.911
Yxy	73.4500, 0.3336, 0.3120
Android (android.graphics.Color)	4294956004 (0xFFFFD3E4)
YUV	226.0940, 0.9397, 25.3506
Hunter-Lab	85.7030, 13.5966, 2.2699

Details

The XYZ color **78.5379, 73.4500, 83.4367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0590, 91.5431, 94.4479**, and the grayscale version is **72.3412, 76.1085, 82.8822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7200, 38.7998, 44.7727** is the 20% darker color. If you saturate the color by 10%, you get **70.6232, 60.9413, 70.5613**, and if you desaturate by 10%, it is **87.6575, 88.0532, 97.6859**.

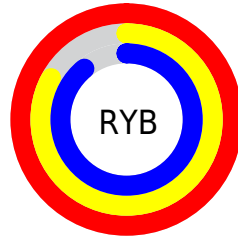
Distribution



Red (100%)

Green (83%)

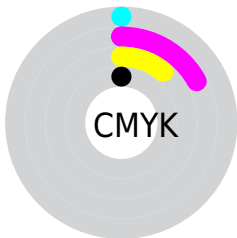
Blue (89%)



Red (100%)

Yellow (83%)

Blue (89%)

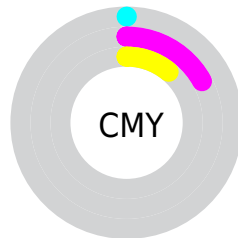


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5379, 73.4500, 83.4367 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 78.5379, 73.4500, 83.4367 by changing the saturation by 10% instead.


 78.5379, 73.4500,
83.4367

 78.5379, 73.4500,
83.4367

478.8036,
472.5730, 526.4499

 58.8203, 54.3440,
62.0078


130.2695,
124.1158, 140.0416

 42.7143, 38.8768,
44.6031


163.0141,
156.4445, 176.0547

 29.8545, 26.6639,
30.8043


200.8318,
193.9494, 217.7662

 19.8757, 17.3209,
20.1927

244.0880,
237.0151, 265.5948

 12.4125, 10.4636,
12.3497

293.1478,
286.0259, 319.9589

 7.0994, 5.7074,
6.8569

348.3768,

 3.5713, 2.6680,

341.3662, 381.2771

3.2957

410.1403,
403.4204, 449.9679

■ 1.4626, 0.9610,
1.2475

■ 0.3001, 0.0000,
0.0182

■ 78.5379, 73.4500,
83.4367

■ 78.5379, 73.4500,
83.4367

■ 70.6232, 60.9413,
70.5613

■ 87.6575, 88.0532,
97.6859

■ 63.8559, 50.4213,
59.0120

95.0500, 100.0000,
108.9000

■ 58.1813, 41.7889,
48.7449

■ 53.5378, 34.9300,
39.7115

■ 49.8575, 29.7184,
31.8598

■ 47.0639, 26.0109,
25.1336

■ 45.0676, 23.6394,
19.4702

■ 43.7547, 22.3875,
14.7969

■ 43.4688, 22.1515,
13.6665

Harmonies

Analogous

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



76.6927, 73.4500, 95.8912



78.5379, 73.4500, 83.4367



77.9686, 73.4500, 71.2599

Triad

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



78.5379, 73.4500, 83.4367



66.6988, 73.4500, 59.5145



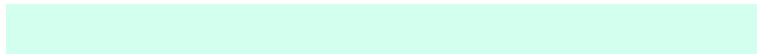
64.7163, 73.4500, 100.6257

Complementary

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



78.5379, 73.4500, 83.4367



78.0590, 91.5431, 94.4479

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.



62.2451, 73.4500, 89.3723



78.5379, 73.4500, 83.4367



63.3557, 73.4500, 65.9245

Square

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



78.5379, 73.4500, 83.4367



71.0107, 73.4500, 58.2824



61.7577, 73.4500, 76.6095



68.6269, 73.4500, 106.4746

Rectangle

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



78.5379, 73.4500, 83.4367



76.3068, 73.4500, 64.8410



61.7577, 73.4500, 76.6095



63.6966, 73.4500, 97.2966

Sweetspot

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



78.5396, 73.4531, 83.4382



89.8822, 91.6394, 101.0886



76.4053, 71.8854, 104.4560



19.0885, 19.3726, 21.4083



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.



78.5396, 73.4531, 83.4382



75.4349, 68.5247, 78.4543



77.4024, 74.7711, 71.9847



18.2998, 18.1032, 20.1960



22.7809, 11.6016, 7.4965



2.2696, 1.1502, 1.0012

Inverse Universe

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



78.5396, 73.4531, 83.4382



75.4349, 68.5247, 78.4543



79.2882, 89.8149, 107.7648



18.2998, 18.1032, 20.1960



22.7809, 11.6016, 7.4965



2.2696, 1.1502, 1.0012

Previews

White Background



This preview shows how the XYZ color 78.5379, 73.4500, 83.4367 looks on a white background.

Color Contrast Check

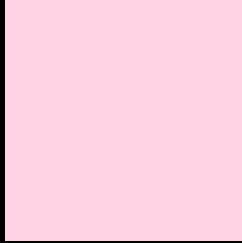
Large Text (above 18pt) WCAG AA × Fail

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 78.5379, 73.4500, 83.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

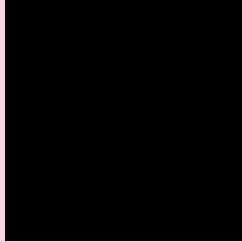
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5379, 73.4500, 83.4367

Background



This preview shows how black text looks on a background with the XYZ color 78.5379, 73.4500, 83.4367.

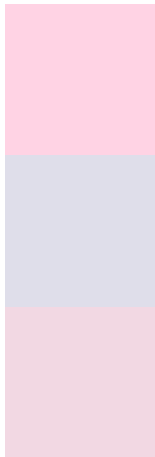


This preview shows how white text looks on a background with the XYZ color 78.5379, 73.4500,

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

78.5379, 73.4500, 83.4367

Protanopia

71.4040, 73.8710, 88.3370

Deuteranopia

75.0389, 73.5350, 82.9117



Tritanopia

78.5379, 73.4500, 83.4367

Trichromacy



Original Color

78.5379, 73.4500, 83.4367

Protanomaly

73.8978, 73.6312, 86.6613

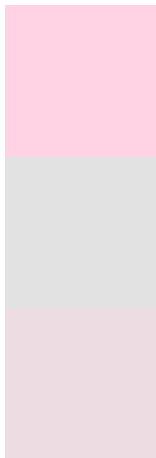
Deuteranomaly

76.2695, 73.4133, 82.8234

Tritanomaly

78.5379, 73.4500, 83.4367

Monochromacy



Original Color

78.5379, 73.4500, 83.4367

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6466, 75.2635, 83.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5379, 73.4500, 83.4367 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, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 228)  
}
```

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, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 228) }
```

Border

The CSS property to change the border of an element to XYZ 78.5379, 73.4500, 83.4367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

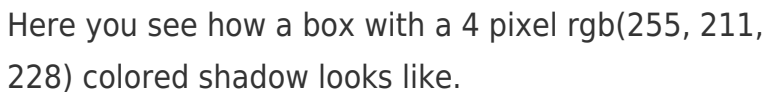
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 211, 228) }
```


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

```
.border{ border-color:rgb(255, 211, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 211, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 211, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 211, 228); box-shadow:4px 4px 4px 4px rgb(255, 211, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5379, 73.4500, 83.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 228) }
```

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

```
.background{ background-color: rgb(255,  
211, 228) }
```

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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