

Converting Colors

XYZ(78.3491, 72.9493, 83.7533)

Have a look what the booklet for
XYZ(78.3491, 72.9493, 83.7533)
contains.

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Color

**XYZ(78.4295, 73.0103,
84.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E5
RGB	255, 210, 229
RGB Percent	100%, 82%, 90%
CMY	0.0000, 0.1764, 0.1020
CMYK	0.00, 0.18, 0.10, 0.00
HSL	335°, 100%, 91%
HSV	335°, 18%, 100%
XYZ	78.4295, 73.0103, 84.0875
YIQ	225.6210, 20.7210, 15.4490

Conversions

Conversions Part 2

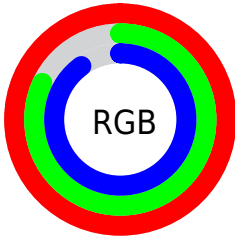
Format	Color
R _Y B	255, 210, 229
Decimal	16765669
CIE Lab	88.45, 18.75, -3.40
CIE LCh	88, 19.055, 349.714
Yxy	73.0103, 0.3330, 0.3100
Android (android.graphics.Color)	4294955749 (0xFFFFD2E5)
YUV	225.6210, 1.6658, 25.7654
Hunter-Lab	85.4461, 14.3115, 1.4649

Details

The XYZ color **78.4295, 73.0103, 84.0875** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4810, 91.2789, 92.8951**, and the grayscale version is **71.9945, 75.7438, 82.4850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6500, 38.5044, 45.2286** is the 20% darker color. If you saturate the color by 10%, you get **70.6575, 60.6202, 71.7741**, and if you desaturate by 10%, it is **87.3824, 87.4824, 97.6581**.

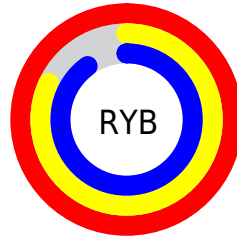
Distribution



Red (100%)

Green (82%)

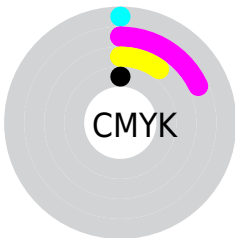
Blue (90%)



Red (100%)

Yellow (82%)

Blue (90%)

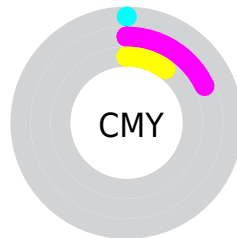


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4295, 73.0103, 84.0875 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 78.4295, 73.0103, 84.0875 by changing the saturation by 10% instead.


 78.4295, 73.0103,
84.0875

 78.4295, 73.0103,
84.0875

478.4418,
471.0505, 528.6694

 58.7309, 53.9844,
62.5419


130.1176,
123.4918, 140.9604

 42.6420, 38.5892,
45.0321


162.8377,
155.7162, 177.1247

 29.7977, 26.4403,
31.1396


200.6291,
193.1089, 218.9991

 19.8324, 17.1533,
20.4458

243.8571,
236.0543, 267.0019

 12.3808, 10.3439,
12.5322

292.8870,
284.9368, 321.5518

 7.0776, 5.6275,
6.9803

348.0841,

 3.5575, 2.6200,

340.1407, 383.0674

3.3715

409.8139,
402.0505, 451.9670

■ 1.4550, 0.9367,
1.2873

■ 0.2949, 0.0000,
0.0514

■ 78.4295, 73.0103,
84.0875

■ 78.4295, 73.0103,
84.0875

■ 70.6575, 60.6202,
71.7741

■ 87.3824, 87.4824,
97.6581

■ 64.0099, 50.2066,
60.6748

95.0500, 100.0000,
108.9000

■ 58.4326, 41.6682,
50.7503

■ 53.8649, 34.8911,
41.9575

■ 50.2397, 29.7488,
34.2497

■ 47.4810, 26.0979,
27.5764

■ 45.5002, 23.7694,
21.8813

■ 44.1814, 22.5409,
17.0976

■ 43.9285, 22.3354,
16.0874

Harmonies

Analogous

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



76.3346, 73.0103, 96.9541



78.4295, 73.0103, 84.0875



78.0235, 73.0103, 71.2841

Triad

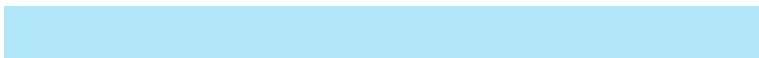
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4295, 73.0103, 84.0875



66.4642, 73.0103, 58.0284



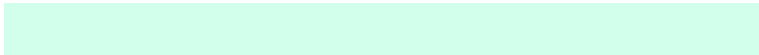
63.8513, 73.0103, 100.3403

Complementary

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



78.4295, 73.0103, 84.0875



77.4810, 91.2789, 92.8951

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.



61.4256, 73.0103, 88.3151



78.4295, 73.0103, 84.0875



62.8876, 73.0103, 64.2701

Square

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



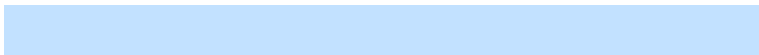
78.4295, 73.0103, 84.0875



70.9794, 73.0103, 57.1625



61.0807, 73.0103, 75.0744



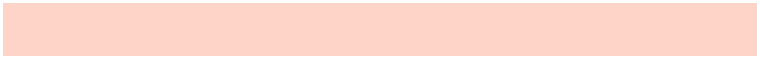
67.8326, 73.0103, 106.9988

Rectangle

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



78.4295, 73.0103, 84.0875



76.3950, 73.0103, 64.4380



61.0807, 73.0103, 75.0744



62.8345, 73.0103, 96.7337

Sweetspot

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



78.4311, 73.0133, 84.0890



89.9529, 91.6677, 101.4611



75.5252, 71.0639, 104.3438



19.1056, 19.3795, 21.4987



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.



78.4311, 73.0133, 84.0890



75.6941, 68.6284, 79.8191



76.6692, 73.5047, 71.1235



18.3276, 18.1143, 20.3420



23.0243, 11.6990, 8.7785



2.2950, 1.1604, 1.1347

Inverse Universe

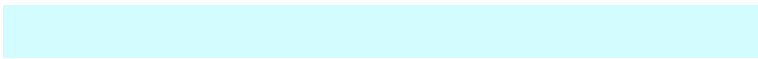
The Inverse Universe completely reimagines the original color for something new.



78.4311, 73.0133, 84.0890



75.6941, 68.6284, 79.8191



79.4405, 90.5435, 107.8974



18.3276, 18.1143, 20.3420



23.0243, 11.6990, 8.7785



2.2950, 1.1604, 1.1347

Previews

White Background



This preview shows how the XYZ color 78.4295, 73.0103, 84.0875 looks on a white background.

Color Contrast Check

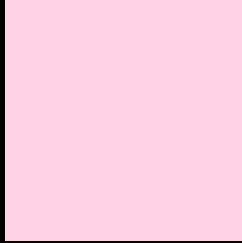
Large Text (above 18pt) WCAG AA × Fail

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 78.4295, 73.0103, 84.0875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

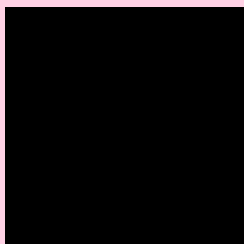
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4295, 73.0103, 84.0875

Background



This preview shows how black text looks on a background with the XYZ color 78.4295, 73.0103, 84.0875.



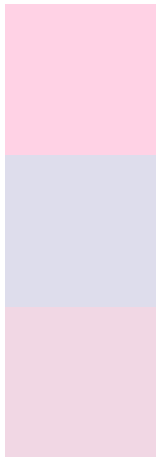
This preview shows how white text looks on a background with the XYZ color 78.4295, 73.0103,

84.0875.

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

78.4295, 73.0103, 84.0875

Protanopia

71.1210, 73.2986, 89.7565

Deuteranopia

74.5797, 72.9031, 83.5397



Tritanopia

78.1517, 72.8992, 82.6250

Trichromacy



Original Color

78.4295, 73.0103, 84.0875

Protanomaly

73.4525, 73.0013, 87.3101

Deuteranomaly

75.8039, 72.7828, 83.4520

Tritanomaly

78.2902, 72.9546, 83.3541

Monochromacy



Original Color

78.4295, 73.0103, 84.0875

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3834, 74.7370, 83.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4295, 73.0103, 84.0875 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, 210, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 229)  
}
```

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, 210, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 229) }
```

Border

The CSS property to change the border of an element to XYZ 78.4295, 73.0103, 84.0875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

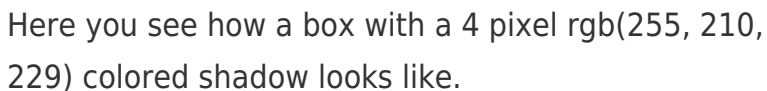
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 229) }
```


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

```
.border{ border-color:rgb(255, 210, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4295, 73.0103, 84.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 229) }
```

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

```
.background{ background-color: rgb(255,  
210, 229) }
```

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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