

Converting Colors

XYZ(78.9562, 73.7536, 85.2192)

Have a look what the booklet for
XYZ(78.9562, 73.7536, 85.2192)
contains.

XYZ(78.8172, 73.5617, 84.9076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.8172, 73.5617,
84.9076)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3E6
RGB	255, 211, 230
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1725, 0.0980
CMYK	0.00, 0.17, 0.10, 0.00
HSL	334°, 100%, 91%
HSV	334°, 17%, 100%
XYZ	78.8172, 73.5617, 84.9076
YIQ	226.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

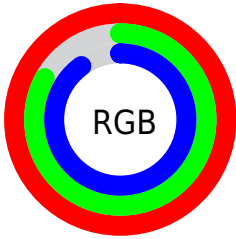
Format	Color
R_{YB}	255, 211, 230
Decimal	16765926
CIE Lab	88.71, 18.39, -3.55
CIE LCh	89, 18.728, 349.089
Yxy	73.5617, 0.3322, 0.3100
Android (android.graphics.Color)	4294956006 (0xFFFFD3E6)
YUV	226.3220, 1.8133, 25.1506
Hunter-Lab	85.7681, 13.9396, 1.3425

Details

The XYZ color **78.8172, 73.5617, 84.9076** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7667, 91.4262, 92.9087**, and the grayscale version is **72.5003, 76.2760, 83.0645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9150, 38.8778, 45.7997** is the 20% darker color. If you saturate the color by 10%, you get **71.0266, 61.1026, 72.6856**, and if you desaturate by 10%, it is **87.7852, 88.1042, 98.3585**.

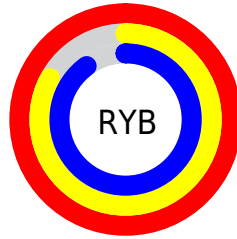
Distribution



Red (100%)

Green (83%)

Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

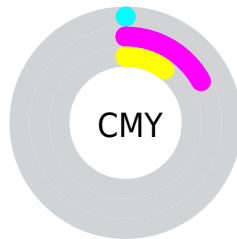


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8172, 73.5617, 84.9076 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 78.8172, 73.5617, 84.9076 by changing the saturation by 10% instead.


 78.8172, 73.5617,
84.9076

 78.8172, 73.5617,
84.9076

479.7352,
472.9593, 531.4589

 59.0506, 54.4354,
63.2153


130.6608,
124.2743, 142.1171

 42.9004, 38.9498,
45.5733


163.4685,
156.6294, 178.4714

 30.0012, 26.7207,
31.5630


201.3540,
194.1628, 220.5501

 19.9875, 17.3636,
20.7659

244.6825,
237.2590, 268.7718

 12.4942, 10.4941,
12.7634

293.8196,
286.3023, 323.5549

 7.1558, 5.7277,
7.1370

349.1305,

 3.6069, 2.6802,

341.6772, 385.3182

3.4682

410.9806,
403.7681, 454.4800

■ 1.4822, 0.9672,
1.3384

■ 0.3137, 0.0000,
0.0929

■ 78.8172, 73.5617,
84.9076

■ 78.8172, 73.5617,
84.9076

■ 71.0266, 61.1026,
72.6856

■ 87.7852, 88.1042,
98.3585

■ 64.3570, 50.6218,
61.6508

95.0500, 100.0000,
108.9000

■ 58.7548, 42.0182,
51.7650

■ 54.1597, 35.1787,
42.9866

■ 50.5052, 29.9775,
35.2704

■ 47.7160, 26.2718,
28.5675

■ 45.7043, 23.8941,
22.8234

■ 44.3580, 22.6289,
17.9742

■ 44.0600, 22.3880,
16.7801

Harmonies

Analogous

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



76.7040, 73.5617, 97.5540



78.8172, 73.5617, 84.9076



78.4698, 73.5617, 72.2180

Triad

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



78.8172, 73.5617, 84.9076



67.1103, 73.5617, 58.7745



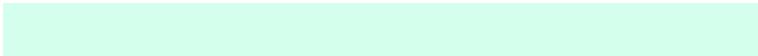
64.3719, 73.5617, 100.4487

Complementary

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



78.8172, 73.5617, 84.9076



77.7667, 91.4262, 92.9087

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.



62.0116, 73.5617, 88.5275



78.8172, 73.5617, 84.9076



63.5449, 73.5617, 64.8563

Square

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



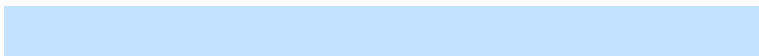
78.8172, 73.5617, 84.9076



71.5786, 73.5617, 58.0292



61.7156, 73.5617, 75.4701



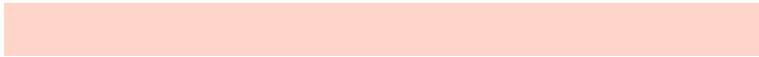
68.2836, 73.5617, 107.1492

Rectangle

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



78.8172, 73.5617, 84.9076



76.8934, 73.5617, 65.3853



61.7156, 73.5617, 75.4701



63.3781, 73.5617, 96.8630

Sweetspot

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



78.8189, 73.5648, 84.9091



89.9719, 91.6753, 101.5609



75.9165, 71.6334, 104.4331



19.1102, 19.3813, 21.5229



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

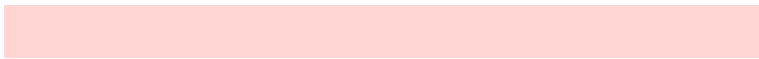
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8189, 73.5648, 84.9091



75.7639, 68.6563, 80.1868



77.0297, 74.0257, 71.8604



18.3350, 18.1173, 20.3812



23.0938, 11.7268, 9.1445



2.3021, 1.1632, 1.1723

Inverse Universe

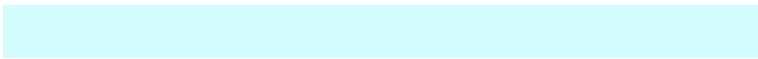
The Inverse Universe completely reimagines the original color for something new.



78.8189, 73.5648, 84.9091



75.7639, 68.6563, 80.1868



79.7472, 90.7327, 107.9178



18.3350, 18.1173, 20.3812



23.0938, 11.7268, 9.1445



2.3021, 1.1632, 1.1723

Previews

White Background



This preview shows how the XYZ color 78.8172, 73.5617, 84.9076 looks on a white background.

Color Contrast Check

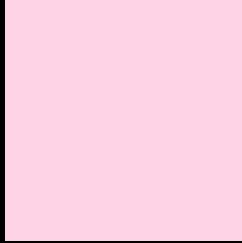
Large Text (above 18pt) WCAG AA × Fail

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 78.8172, 73.5617, 84.9076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

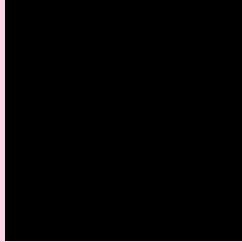
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8172, 73.5617, 84.9076

Background



This preview shows how black text looks on a background with the XYZ color 78.8172, 73.5617, 84.9076.



This preview shows how white text looks on a background with the XYZ color 78.8172, 73.5617,

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

78.8172, 73.5617, 84.9076

Protanopia

71.6930, 73.9867, 89.8591

Deuteranopia

75.3167, 73.6461, 84.3742



Tritanopia

78.5379, 73.4500, 83.4367

Trichromacy



Original Color

78.8172, 73.5617, 84.9076

Protanomaly

74.1836, 73.7455, 88.1663

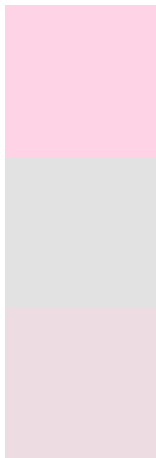
Deuteranomaly

76.5472, 73.5244, 84.2859

Tritanomaly

78.6771, 73.5057, 84.1700

Monochromacy



Original Color

78.8172, 73.5617, 84.9076

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 78.8172, 73.5617, 84.9076 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.8172, 73.5617, 84.9076 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, 230) }
```


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

```
.border{ border-color:rgb(255, 211, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8172, 73.5617, 84.9076 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
211, 230) }
```

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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