

Converting Colors

XYZ(119.7569, 94.9163,
82.4886)

Have a look what the booklet for
XYZ(119.7569, 94.9163, 82.4886)
contains.

XYZ(77.9888, 73.2303, 80.5454)	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(77.9888, 73.2303,
80.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3E0
RGB	255, 211, 224
RGB Percent	100%, 83%, 88%
CMY	0.0000, 0.1725, 0.1216
CMYK	0.00, 0.17, 0.12, 0.00
HSL	342°, 100%, 91%
HSV	342°, 17%, 100%
XYZ	77.9888, 73.2303, 80.5454
YIQ	225.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

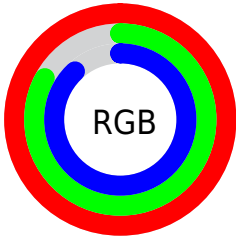
Format	Color
R _Y B	255, 211, 224
Decimal	16765920
CIE Lab	88.56, 17.42, -0.61
CIE LCh	89, 17.428, 357.999
Yxy	73.2303, 0.3365, 0.3160
Android (android.graphics.Color)	4294956000 (0xFFFFD3E0)
YUV	225.6380, -0.8075, 25.7505
Hunter-Lab	85.5747, 12.9209, 4.0968

Details

The XYZ color **77.9888, 73.2303, 80.5454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.6534, 91.7808, 97.5780**, and the grayscale version is **72.0233, 75.7742, 82.5181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3386, 38.6473, 42.7643** is the 20% darker color. If you saturate the color by 10%, you get **69.8397, 60.6279, 66.4355**, and if you desaturate by 10%, it is **87.4037, 87.9516, 96.3496**.

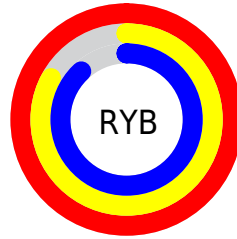
Distribution



Red (100%)

Green (83%)

Blue (88%)



Red (100%)

Yellow (83%)

Blue (88%)

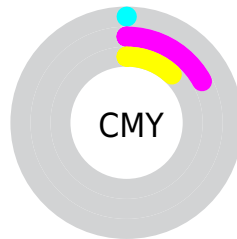


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9888, 73.2303, 80.5454 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 77.9888, 73.2303, 80.5454 by changing the saturation by 10% instead.


 77.9888, 73.2303,
80.5454

 77.9888, 73.2303,
80.5454

476.9692,
471.8126, 516.5241

 58.3675, 54.1643,
59.6385


129.4998,
123.8041, 135.9506

 42.3486, 38.7330,
42.7039


162.1202,
156.0807, 171.2859

 29.5667, 26.5521,
29.3232


199.8044,
193.5296, 212.2678

 19.6563, 17.2371,
19.0778

242.9177,
236.5352, 259.3147

 12.2523, 10.4037,
11.5491

291.8255,
285.4819, 312.8453

 6.9892, 5.6674,
6.3187

346.8931,

 3.5016, 2.6439,

340.7541, 373.2780

2.9679

408.4859,
402.7362, 441.0314

■ 1.4242, 0.9488,
1.0783

■ 0.2734, 0.0000,
0.0000

■ 77.9888, 73.2303,
80.5454

■ 77.9888, 73.2303,
80.5454

■ 69.8397, 60.6279,
66.4355

■ 87.4037, 87.9516,
96.3496

■ 62.8961, 50.0374,
53.9577

95.0500, 100.0000,
108.9000

■ 57.1003, 41.3564,
43.0523

■ 52.3875, 34.4698,
33.6544

■ 48.6866, 29.2500,
25.6940

■ 45.9172, 25.5522,
19.0949

■ 43.9857, 23.2067,
13.7730

■ 42.7737, 21.9951,
9.6312

■ 42.5212, 21.7725,
8.6765

Harmonies

Analogous

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



76.6778, 73.2303, 92.6286



77.9888, 73.2303, 80.5454



76.9789, 73.2303, 69.3642

Triad

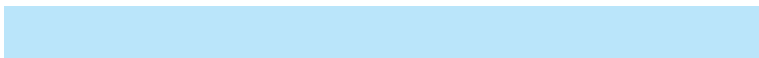
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9888, 73.2303, 80.5454



65.8809, 73.2303, 61.0102



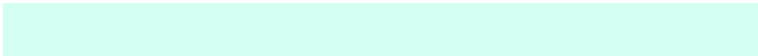
65.4113, 73.2303, 100.9982

Complementary

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



77.9888, 73.2303, 80.5454



78.6534, 91.7808, 97.5780

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.



62.7143, 73.2303, 91.0919



77.9888, 73.2303, 80.5454



62.9777, 73.2303, 68.0977

Square

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



77.9888, 73.2303, 80.5454



69.8855, 73.2303, 58.7853



61.8413, 73.2303, 78.9307



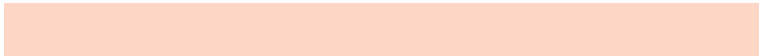
69.3217, 73.2303, 105.1512

Rectangle

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



77.9888, 73.2303, 80.5454



75.1473, 73.2303, 63.7552



61.8413, 73.2303, 78.9307



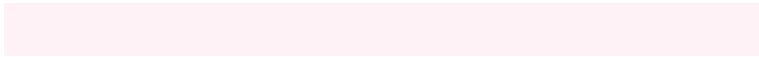
64.3387, 73.2303, 98.1847

Sweetspot

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



77.9905, 73.2334, 80.5469



89.7036, 91.5680, 100.1484



77.8957, 72.6537, 104.5258



19.0452, 19.3553, 21.1802



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.



77.9905, 73.2334, 80.5469



74.7910, 68.2671, 75.0637



78.5406, 77.0474, 72.3640



18.2301, 18.0754, 19.8289



22.2747, 11.3992, 4.8312



2.2142, 1.1281, 0.7096

Inverse Universe

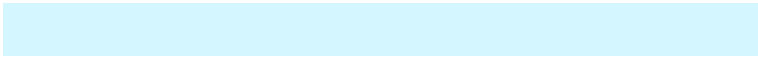
The Inverse Universe completely reimagines the original color for something new.



77.9905, 73.2334, 80.5469



74.7910, 68.2671, 75.0637



77.9327, 87.1038, 107.3130



18.2301, 18.0754, 19.8289



22.2747, 11.3992, 4.8312



2.2142, 1.1281, 0.7096

Previews

White Background



This preview shows how the XYZ color 77.9888, 73.2303, 80.5454 looks on a white background.

Color Contrast Check

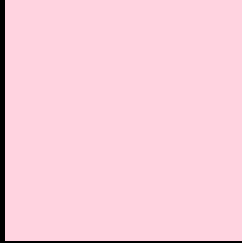
Large Text (above 18pt) WCAG AA × Fail

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 77.9888, 73.2303, 80.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

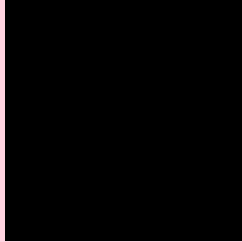
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9888, 73.2303, 80.5454

Background



This preview shows how black text looks on a background with the XYZ color 77.9888, 73.2303, 80.5454.



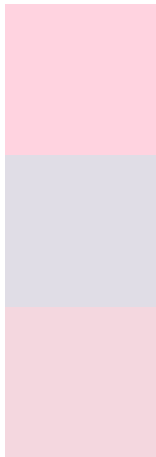
This preview shows how white text looks on a background with the XYZ color 77.9888, 73.2303,

80.5454.

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

77.9888, 73.2303, 80.5454

Protanopia

70.8798, 73.2734, 85.2703

Deuteranopia

74.9279, 73.1617, 79.9845



Tritanopia

78.3994, 73.3946, 82.7075

Trichromacy



Original Color

77.9888, 73.2303, 80.5454

Protanomaly

73.0774, 72.8893, 83.6162

Deuteranomaly

76.0772, 73.3773, 79.9656

Tritanomaly

78.2617, 73.3395, 81.9826

Monochromacy



Original Color

77.9888, 73.2303, 80.5454

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3721, 75.1537, 81.8204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9888, 73.2303, 80.5454 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 224) }
```

Border

The CSS property to change the border of an element to XYZ 77.9888, 73.2303, 80.5454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

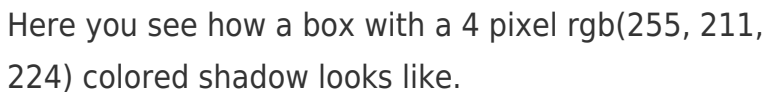
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 211, 224) }
```


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

```
.border{ border-color:rgb(255, 211, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 211, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 211, 224); box-shadow:4px 4px 4px 4px rgb(255, 211, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9888, 73.2303, 80.5454 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
211, 224) }
```

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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