

Converting Colors

XYZ(79.8530, 74.7354, 88.0206)

Have a look what the booklet for
XYZ(79.8530, 74.7354, 88.0206)
contains.

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Color

**XYZ(79.8855, 74.7890,
88.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5EA
RGB	255, 213, 234
RGB Percent	100%, 84%, 92%
CMY	0.0000, 0.1647, 0.0823
CMYK	0.00, 0.16, 0.08, 0.00
HSL	330°, 100%, 92%
HSV	330°, 16%, 100%
XYZ	79.8855, 74.7890, 88.0672
YIQ	227.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

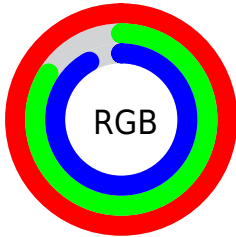
Format	Color
R _Y B	255, 213, 234
Decimal	16766442
CIE Lab	89.29, 18.01, -4.80
CIE LCh	89, 18.636, 345.067
Yxy	74.7890, 0.3291, 0.3081
Android (android.graphics.Color)	4294956522 (0xFFFFD5EA)
YUV	227.9520, 2.9817, 23.7211
Hunter-Lab	86.4806, 13.5462, 0.1587

Details

The XYZ color **79.8855, 74.7890, 88.0672** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0542, 91.6078, 91.4135**, and the grayscale version is **73.6788, 77.5158, 84.4147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5514, 39.6738, 47.4819** is the 20% darker color. If you saturate the color by 10%, you get **72.2024, 62.2495, 76.7916**, and if you desaturate by 10%, it is **88.7124, 89.4042, 100.3766**.

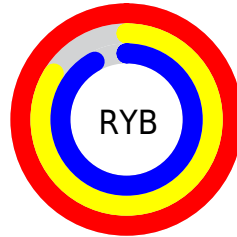
Distribution



Red (100%)

Green (84%)

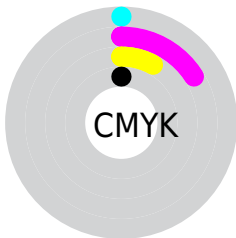
Blue (92%)



Red (100%)

Yellow (84%)

Blue (92%)

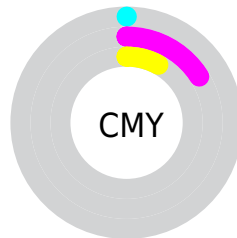


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8855, 74.7890, 88.0672 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 79.8855, 74.7890, 88.0672 by changing the saturation by 10% instead.


 79.8855, 74.7890,
88.0672

 79.8855, 74.7890,
88.0672


483.2893,
477.1920, 542.1303

 59.9323, 55.4400,
65.8141

132.1561,
126.0136, 146.5627

 43.6133, 39.7542,
47.6660


165.2042,
158.6581, 183.6421

 30.5632, 27.3469,
33.2043


203.3480,
196.5032, 226.5007

 20.4167, 17.8339,
22.0106

246.9528,
239.9334, 275.5570

 12.8083, 10.8308,
13.6663

296.3839,
289.3329, 331.2296

 7.3728, 5.9532,
7.7529

352.0068,

 3.7447, 2.8166,

345.0863, 393.9370

3.8517

414.1868,
407.5778, 464.0977

■ 1.5587, 1.0368,
1.5444

■ 0.3653, 0.0000,
0.2506

■ 79.8855, 74.7890,
88.0672

■ 79.8855, 74.7890,
88.0672

■ 72.2024, 62.2495,
76.7916

■ 88.7124, 89.4042,
100.3766

■ 65.6081, 51.6815,
66.5148

95.0500, 100.0000,
108.9000

■ 60.0508, 42.9853,
57.2066

■ 55.4721, 36.0490,
48.8329

■ 51.8075, 30.7486,
41.3571

■ 48.9844, 26.9436,
34.7395

■ 46.9178, 24.4697,
28.9352

■ 45.5022, 23.1213,
23.8922

■ 45.1028, 22.8051,
22.2713

Harmonies

Analogous

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



77.4656, 74.7890, 100.4595



79.8855, 74.7890, 88.0672



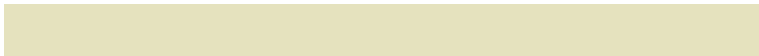
79.8798, 74.7890, 75.0860

Triad

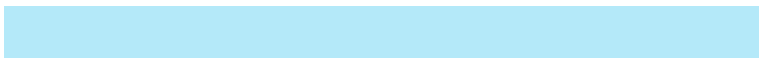
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8855, 74.7890, 88.0672



68.8327, 74.7890, 59.5379



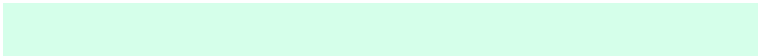
65.0779, 74.7890, 100.5073

Complementary

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



79.8855, 74.7890, 88.0672



78.0542, 91.6078, 91.4135

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.



62.9601, 74.7890, 88.1269



79.8855, 74.7890, 88.0672



65.0642, 74.7890, 64.9737

Square

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



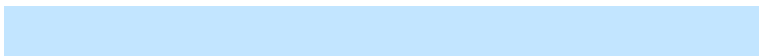
79.8855, 74.7890, 88.0672



73.3651, 74.7890, 59.5256



62.9552, 74.7890, 75.1397



68.8521, 74.7890, 108.1461

Rectangle

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



79.8855, 74.7890, 88.0672



78.4952, 74.7890, 67.8575



62.9552, 74.7890, 75.1397



64.1559, 74.7890, 96.7070

Sweetspot

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



79.8872, 74.7921, 88.0688



90.1070, 91.7293, 102.2722



75.7784, 72.3044, 104.5699



19.1430, 19.3944, 21.6957



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

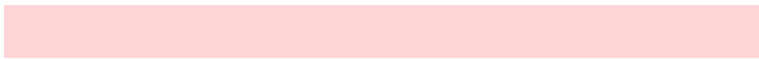
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8872, 74.7921, 88.0688



77.0454, 70.1307, 83.9697



77.0468, 73.6559, 73.1110



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Inverse Universe

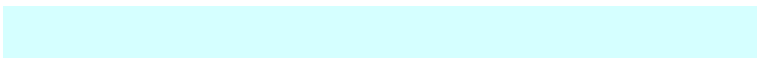
The Inverse Universe completely reimagines the original color for something new.



79.8872, 74.7921, 88.0688



77.0454, 70.1307, 83.9697



81.2523, 92.8870, 108.2543



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 79.8855, 74.7890, 88.0672 looks on a white background.

Color Contrast Check

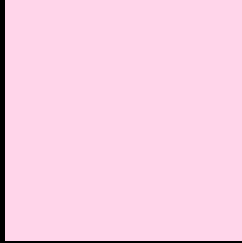
Large Text (above 18pt) WCAG AA × Fail

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 79.8855, 74.7890, 88.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

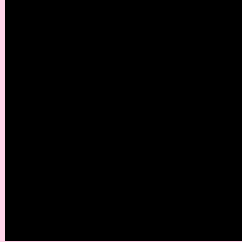
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8855, 74.7890, 88.0672

Background



This preview shows how black text looks on a background with the XYZ color 79.8855, 74.7890, 88.0672.



This preview shows how white text looks on a background with the XYZ color 79.8855, 74.7890,

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

79.8855, 74.7890, 88.0672

Protanopia

72.8563, 74.9139, 93.0580

Deuteranopia

76.3973, 74.9032, 87.5220



Tritanopia

79.2025, 74.8771, 85.1412

Trichromacy



Original Color

79.8855, 74.7890, 88.0672

Protanomaly

75.0251, 74.4982, 91.3143

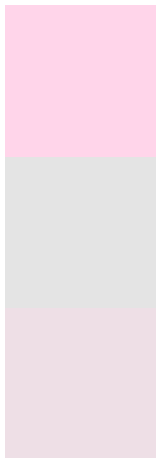
Deuteranomaly

77.6216, 74.7691, 87.4316

Tritanomaly

79.3434, 74.9335, 85.8831

Monochromacy



Original Color

79.8855, 74.7890, 88.0672

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.9305, 76.6657, 85.6589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8855, 74.7890, 88.0672 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, 213, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 234)  
}
```

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, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.8855, 74.7890, 88.0672 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, 213, 234) }
```


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

```
.border{ border-color:rgb(255, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8855, 74.7890, 88.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 234) }
```

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

```
.background{ background-color: rgb(255,  
213, 234) }
```

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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