

Converting Colors

XYZ(78.9658, 74.2702, 83.6889)

Have a look what the booklet for
XYZ(78.9658, 74.2702, 83.6889)
contains.

XYZ(79.0378, 74.4499, 83.6033)	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(79.0378, 74.4499,
83.6033)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E4
RGB	255, 213, 228
RGB Percent	100%, 84%, 89%
CMY	0.0000, 0.1647, 0.1059
CMYK	0.00, 0.16, 0.11, 0.00
HSL	339°, 100%, 92%
HSV	339°, 16%, 100%
XYZ	79.0378, 74.4499, 83.6033
YIQ	227.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

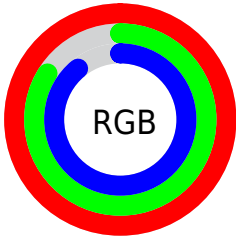
Format	Color
R _Y B	255, 213, 228
Decimal	16766436
CIE Lab	89.13, 17.02, -1.87
CIE LCh	89, 17.121, 353.717
Yxy	74.4499, 0.3334, 0.3140
Android (android.graphics.Color)	4294956516 (0xFFFFD5E4)
YUV	227.2680, 0.3609, 24.3210
Hunter-Lab	86.2844, 12.5111, 2.9513

Details

The XYZ color **79.0378, 74.4499, 83.6033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9312, 91.9586, 96.0313**, and the grayscale version is **73.1973, 77.0093, 83.8631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0584, 39.4766, 44.8855** is the 20% darker color. If you saturate the color by 10%, you get **70.9520, 61.7494, 70.2071**, and if you desaturate by 10%, it is **88.3514, 89.2598, 98.4756**.

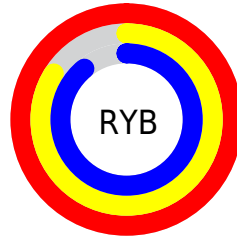
Distribution



Red (100%)

Green (84%)

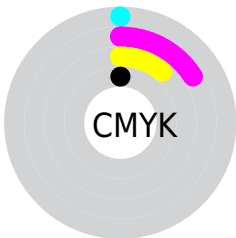
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

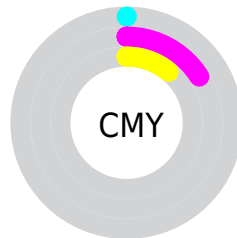


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0378, 74.4499, 83.6033 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 79.0378, 74.4499, 83.6033 by changing the saturation by 10% instead.


 79.0378, 74.4499,
83.6033

 79.0378, 74.4499,
83.6033


480.4703,
476.0247, 527.0185

 59.2326, 55.1623,
62.1445


130.9697,
125.5334, 140.2769

 43.0475, 39.5317,
44.7129


163.8272,
158.0981, 176.3287

 30.1171, 27.1736,
30.8901


201.7661,
195.8573, 218.0820

 20.0760, 17.7037,
20.2574

245.1519,
239.1954, 265.9552

 12.5589, 10.7374,
12.3963

294.3498,
288.4968, 320.3670

 7.2004, 5.8906,
6.8884

349.7253,

 3.6352, 2.7787,

344.1459, 381.7357

3.3150

411.6437,
406.5270, 450.4801

■ 1.4979, 1.0173,
1.2576

■ 0.3244, 0.0000,
0.0267

■ 79.0378, 74.4499,
83.6033

■ 79.0378, 74.4499,
83.6033

■ 70.9520, 61.7494,
70.2071

■ 88.3514, 89.2598,
98.4756

■ 64.0358, 51.0525,
58.2350

95.0500, 100.0000,
108.9000

■ 58.2339, 42.2585,
47.6391

■ 53.4845, 35.2539,
38.3662

■ 49.7191, 29.9132,
30.3596

■ 46.8610, 26.0943,
23.5579

■ 44.8208, 23.6309,
17.8929

■ 43.4883, 22.3157,
13.2871

■ 43.1308, 22.0163,
11.8867

Harmonies

Analogous

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



77.4266, 74.4499, 95.4303



79.0378, 74.4499, 83.6033



78.3624, 74.4499, 72.1710

Triad

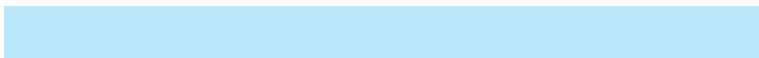
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0378, 74.4499, 83.6033



67.5852, 74.4499, 61.7994



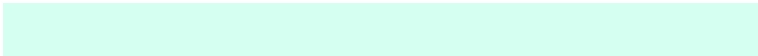
66.1214, 74.4499, 101.0249

Complementary

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



79.0378, 74.4499, 83.6033



78.9312, 91.9586, 96.0313

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.



63.6704, 74.4499, 90.6576



79.0378, 74.4499, 83.6033



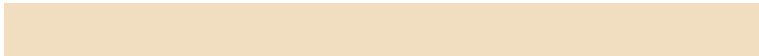
64.4920, 74.4499, 68.2158

Square

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



79.0378, 74.4499, 83.6033



71.6438, 74.4499, 60.3078



63.0858, 74.4499, 78.5752



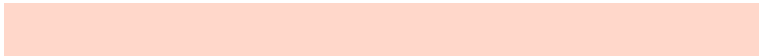
69.8882, 74.4499, 106.1059

Rectangle

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



79.0378, 74.4499, 83.6033



76.7190, 74.4499, 66.2026



63.0858, 74.4499, 78.5752



65.1223, 74.4499, 97.9964

Sweetspot

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



79.0395, 74.4530, 83.6049



89.8247, 91.6164, 100.7857



77.6460, 73.2672, 104.6573



19.0745, 19.3670, 21.3348



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

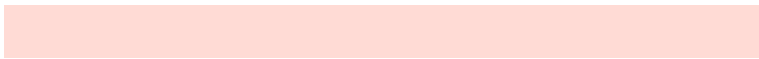
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0395, 74.4530, 83.6049



76.0460, 69.7310, 78.7072



78.4796, 76.5217, 73.5886



18.2773, 18.0942, 20.0775



22.6011, 11.5297, 6.5500



2.2504, 1.1425, 0.9002

Inverse Universe

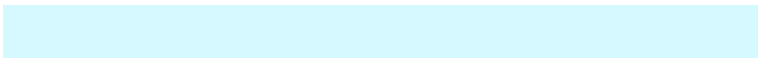
The Inverse Universe completely reimagines the original color for something new.



79.0395, 74.4530, 83.6049



76.0460, 69.7310, 78.7072



79.4920, 89.3664, 107.6675



18.2773, 18.0942, 20.0775



22.6011, 11.5297, 6.5500



2.2504, 1.1425, 0.9002

Previews

White Background



This preview shows how the XYZ color 79.0378, 74.4499, 83.6033 looks on a white background.

Color Contrast Check

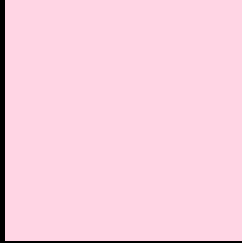
Large Text (above 18pt) WCAG AA × Fail

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 79.0378, 74.4499, 83.6033 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 79.0378, 74.4499, 83.6033

Background



This preview shows how black text looks on a background with the XYZ color 79.0378, 74.4499, 83.6033.

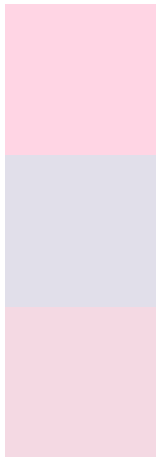


This preview shows how white text looks on a background with the XYZ color 79.0378, 74.4499,

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

79.0378, 74.4499, 83.6033

Protanopia

72.2903, 74.7234, 88.4549

Deuteranopia

75.9862, 74.4049, 83.0297



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

79.0378, 74.4499, 83.6033

Protanomaly

74.4891, 74.3221, 86.7635

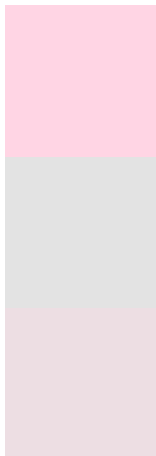
Deuteranomaly

77.1324, 74.6142, 83.0097

Tritanomaly

79.1771, 74.5056, 84.3367

Monochromacy



Original Color

79.0378, 74.4499, 83.6033

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.9115, 75.7931, 83.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0378, 74.4499, 83.6033 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 228) }
```

Border

The CSS property to change the border of an element to XYZ 79.0378, 74.4499, 83.6033 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, 228) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0378, 74.4499, 83.6033 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
213, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor