

Converting Colors

XYZ(79.0866, 74.3687, 84.2746)

Have a look what the booklet for
XYZ(79.0866, 74.3687, 84.2746)
contains.

XYZ(79.1771, 74.5056, 84.3367)	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(79.1771, 74.5056,
84.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E5
RGB	255, 213, 229
RGB Percent	100%, 84%, 90%
CMY	0.0000, 0.1647, 0.1020
CMYK	0.00, 0.16, 0.10, 0.00
HSL	337°, 100%, 92%
HSV	337°, 16%, 100%
XYZ	79.1771, 74.5056, 84.3367
YIQ	227.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

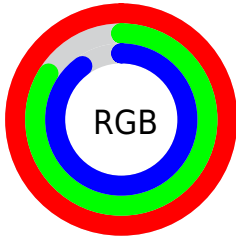
Format	Color
R _Y B	255, 213, 229
Decimal	16766437
CIE Lab	89.16, 17.18, -2.36
CIE LCh	89, 17.343, 352.170
Yxy	74.5056, 0.3326, 0.3130
Android (android.graphics.Color)	4294956517 (0xFFFFD5E5)
YUV	227.3820, 0.7977, 24.2210
Hunter-Lab	86.3166, 12.6816, 2.4916

Details

The XYZ color **79.1771, 74.5056, 84.3367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7829, 91.8993, 95.2508**, and the grayscale version is **73.2774, 77.0936, 83.9549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1555, 39.5155, 45.3971** is the 20% darker color. If you saturate the color by 10%, you get **71.1553, 61.8307, 71.2778**, and if you desaturate by 10%, it is **88.4112, 89.2837, 98.7907**.

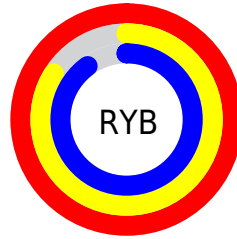
Distribution



Red (100%)

Green (84%)

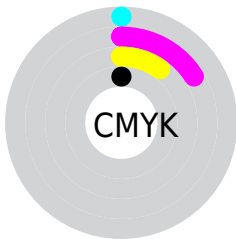
Blue (90%)



Red (100%)

Yellow (84%)

Blue (90%)

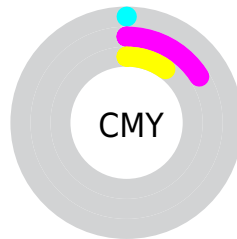


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1771, 74.5056, 84.3367 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 79.1771, 74.5056, 84.3367 by changing the saturation by 10% instead.


 79.1771, 74.5056,
84.3367

 79.1771, 74.5056,
84.3367


480.9341,
476.2165, 529.5179

 59.3476, 55.2080,
62.7465


131.1648,
125.6123, 141.3120

 43.1404, 39.5682,
45.1965


164.0536,
158.1901, 177.5341

 30.1903, 27.2021,
31.2681


202.0263,
195.9634, 219.4707

 20.1319, 17.7250,
20.5429

245.4481,
239.3166, 267.5401

 12.5998, 10.7528,
12.6023

294.6844,
288.6342, 322.1610

 7.2286, 5.9008,
7.0278

350.1006,

 3.6531, 2.7849,

344.3004, 383.7519

3.4008

412.0621,
406.6997, 452.7314

■ 1.5078, 1.0205,
1.3027

■ 0.3311, 0.0000,
0.0640

■ 79.1771, 74.5056,
84.3367

■ 79.1771, 74.5056,
84.3367

■ 71.1553, 61.8307,
71.2778

■ 88.4112, 89.2837,
98.7907

■ 64.2885, 51.1536,
59.5657

95.0500, 100.0000,
108.9000

■ 58.5219, 42.3737,
49.1558

■ 53.7946, 35.3780,
39.9992

■ 50.0388, 30.0411,
32.0433

■ 47.1787, 26.2214,
25.2311

■ 45.1259, 23.7529,
19.4997

■ 43.7712, 22.4289,
14.7767

■ 43.4037, 22.1255,
13.3240

Harmonies

Analogous

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



77.4315, 74.5056, 96.2554



79.1771, 74.5056, 84.3367



78.6127, 74.5056, 72.6525

Triad

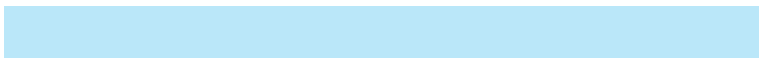
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1771, 74.5056, 84.3367



67.7920, 74.5056, 61.4191



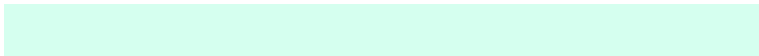
65.9461, 74.5056, 100.9349

Complementary

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



79.1771, 74.5056, 84.3367



78.7829, 91.8993, 95.2508

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.



63.5514, 74.5056, 90.2296



79.1771, 74.5056, 84.3367



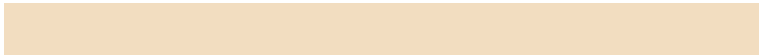
64.5872, 74.5056, 67.6676

Square

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



79.1771, 74.5056, 84.3367



71.9284, 74.5056, 60.1781



63.0640, 74.5056, 77.9938



69.7138, 74.5056, 106.4406

Rectangle

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



79.1771, 74.5056, 84.3367



77.0122, 74.5056, 66.4778



63.0640, 74.5056, 77.9938



64.9601, 74.5056, 97.7773

Sweetspot

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



79.1788, 74.5087, 84.3383



89.8715, 91.6352, 101.0325



77.4093, 73.1452, 104.6463



19.0859, 19.3716, 21.3946



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

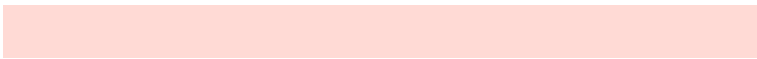
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1788, 74.5087, 84.3383



76.2097, 69.7964, 79.5689



78.2978, 76.1581, 73.5280



18.2956, 18.1016, 20.1740



22.7463, 11.5878, 7.3146



2.2660, 1.1488, 0.9819

Inverse Universe

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



79.1788, 74.5087, 84.3383



76.2097, 69.7964, 79.5689



79.7092, 89.8008, 107.7399



18.2956, 18.1016, 20.1740



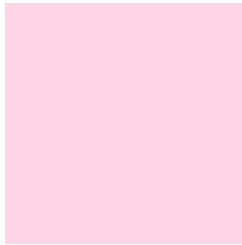
22.7463, 11.5878, 7.3146



2.2660, 1.1488, 0.9819

Previews

White Background



This preview shows how the XYZ color 79.1771, 74.5056, 84.3367 looks on a white background.

Color Contrast Check

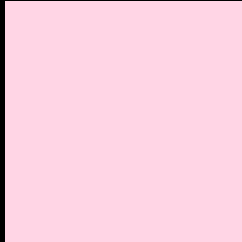
Large Text (above 18pt) WCAG AA × Fail

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 79.1771, 74.5056, 84.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

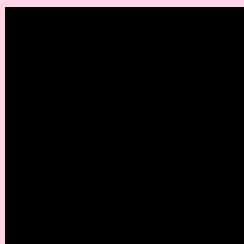
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1771, 74.5056, 84.3367

Background



This preview shows how black text looks on a background with the XYZ color 79.1771, 74.5056, 84.3367.

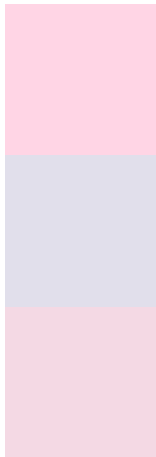


This preview shows how white text looks on a background with the XYZ color 79.1771, 74.5056,

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

79.1771, 74.5056, 84.3367

Protanopia

72.4344, 74.7811, 89.2137

Deuteranopia

76.1247, 74.4602, 83.7588



Tritanopia

79.3172, 74.5617, 85.0743

Trichromacy



Original Color

79.1771, 74.5056, 84.3367

Protanomaly

74.6316, 74.3791, 87.5139

Deuteranomaly

77.2709, 74.6696, 83.7389

Tritanomaly

79.3172, 74.5617, 85.0743

Monochromacy



Original Color

79.1771, 74.5056, 84.3367

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.0499, 75.8485, 84.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1771, 74.5056, 84.3367 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 229) }
```

Border

The CSS property to change the border of an element to XYZ 79.1771, 74.5056, 84.3367 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, 229) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1771, 74.5056, 84.3367 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, 229) }
```

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

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