

Converting Colors

XYZ(128.5378, 100.0000,
88.4362)

Have a look what the booklet for
XYZ(128.5378, 100.0000, 88.4362)
contains.

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Color

**XYZ(79.4581, 74.6180,
85.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E7
RGB	255, 213, 231
RGB Percent	100%, 84%, 91%
CMY	0.0000, 0.1647, 0.0941
CMYK	0.00, 0.16, 0.09, 0.00
HSL	334°, 100%, 92%
HSV	334°, 16%, 100%
XYZ	79.4581, 74.6180, 85.8161
YIQ	227.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

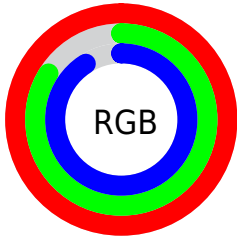
Format	Color
R_{YB}	255, 213, 231
Decimal	16766439
CIE _{Lab}	89.21, 17.51, -3.34
CIE _{LCh}	89, 17.825, 349.203
Yxy	74.6180, 0.3312, 0.3110
Android (android.graphics.Color)	4294956519 (0xFFFFD5E7)
YUV	227.6100, 1.6713, 24.0210
Hunter-Lab	86.3817, 13.0250, 1.5654

Details

The XYZ color **79.4581, 74.6180, 85.8161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4890, 91.7817, 93.7030**, and the grayscale version is **73.4378, 77.2623, 84.1386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2534, 39.5546, 45.9125** is the 20% darker color. If you saturate the color by 10%, you get **71.5680, 61.9958, 73.4511**, and if you desaturate by 10%, it is **88.5313, 89.3318, 99.4230**.

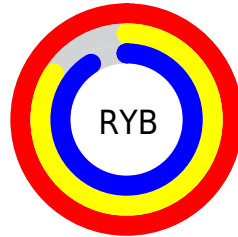
Distribution



Red (100%)

Green (84%)

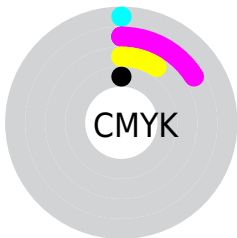
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

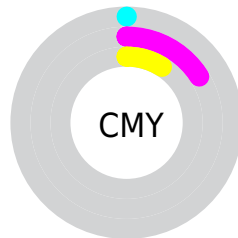


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4581, 74.6180, 85.8161 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 79.4581, 74.6180, 85.8161 by changing the saturation by 10% instead.


 79.4581, 74.6180,
85.8161

 79.4581, 74.6180,
85.8161


481.8691,
476.6036, 534.5395

 59.5795, 55.3000,
63.9619


131.5581,
125.7715, 143.3971

 43.3279, 39.6420,
46.1738


164.5102,
158.3757, 179.9610

 30.3381, 27.2595,
32.0334

202.5508,
196.1776, 222.2652

 20.2447, 17.7682,
21.1219

246.0453,
239.5613, 270.7282

 12.6824, 10.7837,
13.0211

295.3590,
288.9114, 325.7686

 7.2857, 5.9216,
7.3122

350.8573,

 3.6893, 2.7975,

344.6122, 387.8049

3.5767

412.9056,
407.0481, 457.2557

■ 1.5279, 1.0269,
1.3961

■ 0.3447, 0.0000,
0.1387

■ 79.4581, 74.6180,
85.8161

■ 79.4581, 74.6180,
85.8161

■ 71.5680, 61.9958,
73.4511

■ 88.5313, 89.3318,
99.4230

■ 64.8050, 51.3602,
62.2858

95.0500, 100.0000,
108.9000

■ 59.1156, 42.6112,
52.2820

■ 54.4400, 35.6361,
43.3978

■ 50.7119, 30.3103,
35.5879

■ 47.8571, 26.4927,
28.8031

■ 45.7886, 24.0180,
22.9891

■ 44.3990, 22.6800,
18.0829

■ 44.0151, 22.3700,
16.5434

Harmonies

Analogous

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



77.4432, 74.6180, 97.9212



79.4581, 74.6180, 85.8161



79.1164, 74.6180, 73.6206

Triad

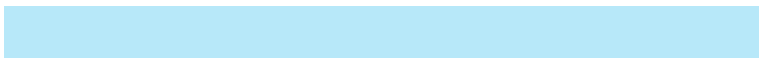
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4581, 74.6180, 85.8161



68.2070, 74.6180, 60.6625



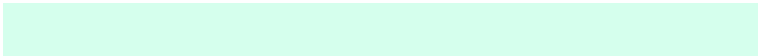
65.5972, 74.6180, 100.7595

Complementary

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



79.4581, 74.6180, 85.8161



78.4890, 91.7817, 93.7030

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.



63.3142, 74.6180, 89.3812



79.4581, 74.6180, 85.8161



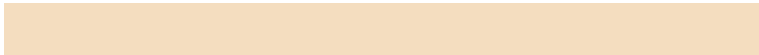
64.7779, 74.6180, 66.5808

Square

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



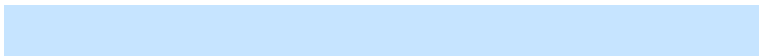
79.4581, 74.6180, 85.8161



72.5004, 74.6180, 59.9178



63.0206, 74.6180, 76.8417



69.3671, 74.6180, 107.1164

Rectangle

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



79.4581, 74.6180, 85.8161



77.6020, 74.6180, 67.0289



63.0206, 74.6180, 76.8417



64.6371, 74.6180, 97.3442

Sweetspot

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



79.4597, 74.6211, 85.8177



89.9655, 91.6727, 101.5271



76.7049, 72.7820, 104.6133



19.1087, 19.3807, 21.5147



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.



79.4597, 74.6211, 85.8177



76.5404, 69.9287, 81.3105



77.7570, 75.0765, 73.3477



18.3325, 18.1163, 20.3679



23.0701, 11.7173, 9.0195



2.2997, 1.1622, 1.1595

Inverse Universe

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



79.4597, 74.6211, 85.8177



76.5404, 69.9287, 81.3105



80.3656, 91.1138, 107.9587



18.3325, 18.1163, 20.3679



23.0701, 11.7173, 9.0195



2.2997, 1.1622, 1.1595

Previews

White Background



This preview shows how the XYZ color 79.4581, 74.6180, 85.8161 looks on a white background.

Color Contrast Check

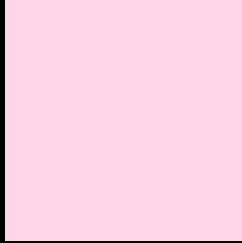
Large Text (above 18pt) WCAG AA × Fail

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 79.4581, 74.6180, 85.8161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

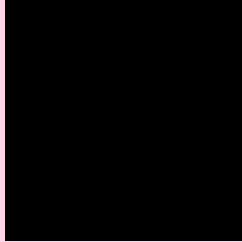
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4581, 74.6180, 85.8161

Background



This preview shows how black text looks on a background with the XYZ color 79.4581, 74.6180, 85.8161.



This preview shows how white text looks on a background with the XYZ color 79.4581, 74.6180,

85.8161.

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

79.4581, 74.6180, 85.8161

Protanopia

72.7251, 74.8973, 90.7444

Deuteranopia

76.0579, 74.3936, 85.2136



Tritanopia

79.3172, 74.5617, 85.0743

Trichromacy



Original Color

79.4581, 74.6180, 85.8161

Protanomaly

74.9190, 74.4941, 89.0274

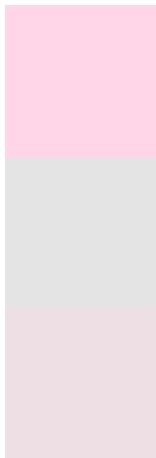
Deuteranomaly

77.1966, 74.5991, 85.1933

Tritanomaly

79.3172, 74.5617, 85.0743

Monochromacy



Original Color

79.4581, 74.6180, 85.8161

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.7904, 76.6096, 84.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4581, 74.6180, 85.8161 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.4581, 74.6180, 85.8161 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, 231) }
```


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

```
.border{ border-color:rgb(255, 213, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4581, 74.6180, 85.8161 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
213, 231) }
```

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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