

Converting Colors

XYZ(79.8938, 78.4765, 85.7563)

Have a look what the booklet for
XYZ(79.8938, 78.4765, 85.7563)
contains.

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Color

**XYZ(79.8285, 78.2797,
85.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	FADEE6
RGB	250, 222, 230
RGB Percent	98%, 87%, 90%
CMY	0.0196, 0.1294, 0.0980
CMYK	0.00, 0.11, 0.08, 0.02
HSL	343°, 74%, 93%
HSV	343°, 11%, 98%
XYZ	79.8285, 78.2797, 85.7650
YIQ	231.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

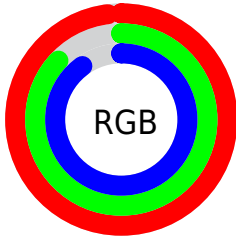
Format	Color
R _Y B	250, 222, 230
Decimal	16441062
CIE Lab	90.91, 10.94, -0.38
CIE LCh	91, 10.947, 357.998
Yxy	78.2797, 0.3273, 0.3210
Android (android.graphics.Color)	4294631142 (0xFFFADEE6)
YUV	231.2840, -0.6330, 16.4139
Hunter-Lab	88.4758, 6.2214, 4.4597

Details

The XYZ color **79.8285, 78.2797, 85.7650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3398, 90.3135, 97.2066**, and the grayscale version is **76.1662, 80.1327, 87.2645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5489, 42.0700, 46.3825** is the 20% darker color. If you saturate the color by 10%, you get **71.2938, 65.0200, 71.1736**, and if you desaturate by 10%, it is **89.6091, 93.6181, 102.0415**.

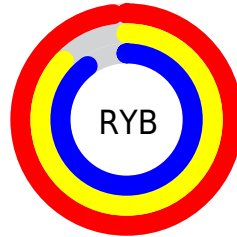
Distribution



Red (98%)

Green (87%)

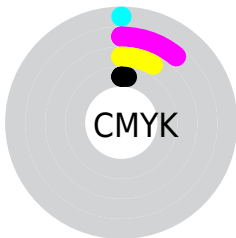
Blue (90%)



Red (98%)

Yellow (87%)

Blue (90%)

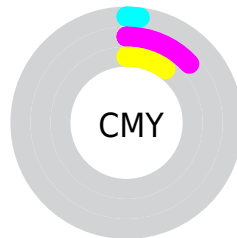


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8285, 78.2797, 85.7650 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 79.8285, 78.2797, 85.7650 by changing the saturation by 10% instead.


 79.8285, 78.2797,
85.7650

 79.8285, 78.2797,
85.7650


483.1000,
489.1162, 534.3665

 59.8852, 58.3038,
63.9199

132.0764,
130.9443, 143.3251

 43.5752, 42.0529,
46.1400


165.1117,
164.4018, 179.8773

 30.5332, 29.1427,
32.0069


203.2417,
203.1220, 222.1688

 20.3937, 19.1888,
21.1019

246.8318,
247.4892, 270.6182

 12.7915, 11.8068,
13.0065

296.2473,
297.8878, 325.6442

 7.3611, 6.6123,
7.3023

351.8536,

 3.7373, 3.2208,

354.7022, 387.6652

3.5705

414.0161,
418.3169, 457.0998

■ 1.5546, 1.2481,
1.3928

■ 0.3625, 0.1005,
0.1361

■ 79.8285, 78.2797,
85.7650

■ 79.8285, 78.2797,
85.7650

■ 71.2938, 65.0200,
71.1736

■ 89.6091, 93.6181,
102.0415

■ 63.9476, 53.7391,
58.2073

■ 93.2347, 99.0642,
108.8150

■ 57.7376, 44.3447,
46.8098

■ 52.6050, 36.7326,
36.9195

■ 48.4855, 30.7888,
28.4706

■ 45.3077, 26.3857,
21.3921

■ 42.9903, 23.3772,
15.6062

■ 41.4370, 21.5883,
11.0261

■ 40.5750, 20.7843,
7.9024

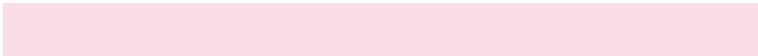
Harmonies

Analogous

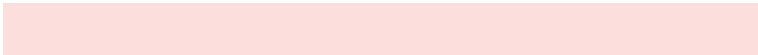
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9903, 78.2797, 93.5370



79.8285, 78.2797, 85.7650



79.1833, 78.2797, 78.3015

Triad

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



79.8285, 78.2797, 85.7650



71.9410, 78.2797, 72.5156



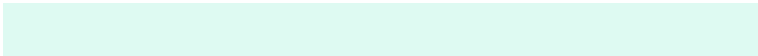
71.6277, 78.2797, 98.7707

Complementary

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



79.8285, 78.2797, 85.7650



80.3398, 90.3135, 97.2066

Split Complementary

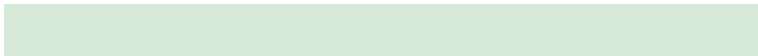
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8182, 78.2797, 92.5626



79.8285, 78.2797, 85.7650



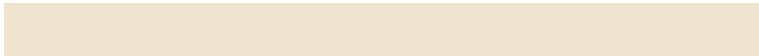
69.9959, 78.2797, 77.4362

Square

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



79.8285, 78.2797, 85.7650



74.5879, 78.2797, 70.9397



69.2281, 78.2797, 84.7038



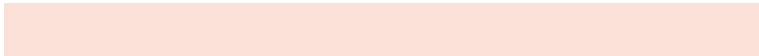
74.2174, 78.2797, 101.3284

Rectangle

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



79.8285, 78.2797, 85.7650



78.0074, 78.2797, 74.4392



69.2281, 78.2797, 84.7038



70.9104, 78.2797, 97.0234

Sweetspot

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



79.8307, 78.2831, 85.7667



91.7904, 94.8688, 103.5342



79.8600, 77.9549, 101.2811



19.4648, 20.0196, 21.8595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

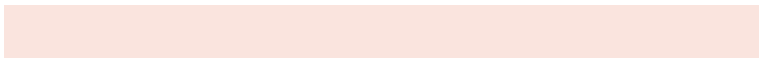
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8307, 78.2831, 85.7667



81.7902, 79.2104, 86.8152



80.2452, 80.8681, 80.4911



17.4484, 17.3067, 18.9511



21.5753, 11.0458, 4.4719



2.0418, 1.0404, 0.6434

Inverse Universe

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



79.8307, 78.2831, 85.7667



81.7902, 79.2104, 86.8152



79.8533, 87.3763, 103.0999



17.4484, 17.3067, 18.9511



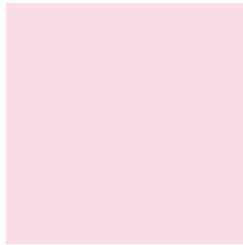
21.5753, 11.0458, 4.4719



2.0418, 1.0404, 0.6434

Previews

White Background



This preview shows how the XYZ color 79.8285, 78.2797, 85.7650 looks on a white background.

Color Contrast Check

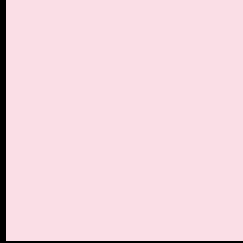
Large Text (above 18pt) WCAG AA × Fail

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 79.8285, 78.2797, 85.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

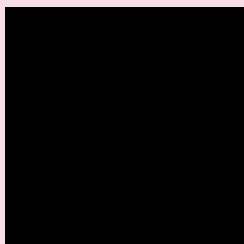
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8285, 78.2797, 85.7650

Background



This preview shows how black text looks on a background with the XYZ color 79.8285, 78.2797, 85.7650.



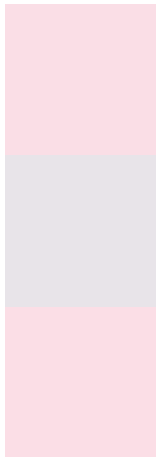
This preview shows how white text looks on a background with the XYZ color 79.8285, 78.2797,

85.7650.

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

79.8285, 78.2797, 85.7650

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

80.1879, 78.4650, 85.7818



Tritanopia

81.0727, 78.3952, 91.7477

Trichromacy



Original Color

79.8285, 78.2797, 85.7650

Protanomaly

77.3584, 78.5696, 87.4322

Deuteranomaly

80.1879, 78.4650, 85.7818

Tritanomaly

80.6355, 78.2203, 89.4453

Monochromacy



Original Color

79.8285, 78.2797, 85.7650

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.4271, 79.4335, 86.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8285, 78.2797, 85.7650 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(250, 222, 230) looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 230)  
}
```

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(250, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 230) }
```

Border

The CSS property to change the border of an element to XYZ 79.8285, 78.2797, 85.7650 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(250, 222, 230) }
```


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

```
.border{ border-color:rgb(250, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8285, 78.2797, 85.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 230) }
```

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

```
.background{ background-color: rgb(250,  
222, 230) }
```

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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