

Converting Colors

XYZ(79.7758, 77.3726, 88.3931)

Have a look what the booklet for
XYZ(79.7758, 77.3726, 88.3931)
contains.

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Color

**XYZ(79.8688, 77.4509,
88.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	FADCEA
RGB	250, 220, 234
RGB Percent	98%, 86%, 92%
CMY	0.0196, 0.1372, 0.0823
CMYK	0.00, 0.12, 0.06, 0.02
HSL	332°, 75%, 92%
HSV	332°, 12%, 98%
XYZ	79.8688, 77.4509, 88.5819
YIQ	230.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

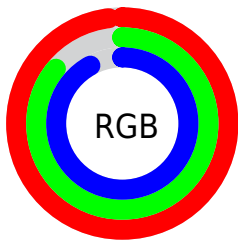
Format	Color
R _Y B	250, 220, 234
Decimal	16440554
CIE Lab	90.53, 12.65, -3.04
CIE LCh	91, 13.011, 346.507
Yxy	77.4509, 0.3248, 0.3150
Android (android.graphics.Color)	4294630634 (0xFFFADCEA)
YUV	230.5660, 1.6930, 17.0436
Hunter-Lab	88.0062, 7.9844, 1.9265

Details

The XYZ color **79.8688, 77.4509, 88.5819** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8441, 89.6450, 92.5088**, and the grayscale version is **75.6159, 79.5538, 86.6341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4833, 41.4621, 47.8306** is the 20% darker color. If you saturate the color by 10%, you get **71.9479, 64.5597, 76.8429**, and if you desaturate by 10%, it is **88.9195, 92.3689, 101.4108**.

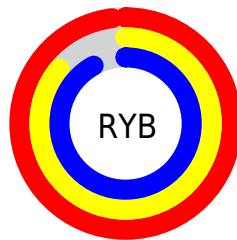
Distribution



Red (98%)

Green (86%)

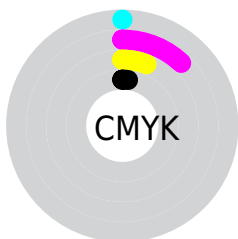
Blue (92%)



Red (98%)

Yellow (86%)

Blue (92%)

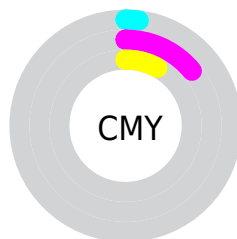


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8688, 77.4509, 88.5819 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 79.8688, 77.4509, 88.5819 by changing the saturation by 10% instead.


 79.8688, 77.4509,
88.5819

 79.8688, 77.4509,
88.5819


483.2338,
486.3000, 543.8576

 59.9185, 57.6230,
66.2380


132.1327,
129.7758, 147.2853

 43.6021, 41.5057,
48.0079


165.1771,
163.0416, 184.4818

 30.5544, 28.7144,
33.4731


203.3168,
201.5554, 227.4664

 20.4099, 18.8649,
22.2151

246.9173,
245.7018, 276.6574

 12.8034, 11.5727,
13.8152

296.3439,
295.8650, 332.4735

 7.3694, 6.4534,
7.8550

351.9620,

 3.7425, 3.1227,

352.4296, 395.3332

3.9158

414.1368,
415.7798, 465.6551

■ 1.5575, 1.1961,
1.5793

■ 0.3645, 0.0585,
0.2760

■ 79.8688, 77.4509,
88.5819

■ 79.8688, 77.4509,
88.5819

■ 71.9479, 64.5597,
76.8429

■ 88.9195, 92.3689,
101.4108

■ 65.1036, 53.5970,
66.1578

■ 93.2348, 99.0642,
108.8150

■ 59.2882, 44.4716,
56.4955

■ 54.4476, 37.0807,
47.8213

■ 50.5226, 31.3117,
40.0981

■ 47.4472, 27.0379,
33.2857

■ 45.1454, 24.1142,
27.3400

■ 43.5267, 22.3654,
22.2109

■ 42.6151, 21.6003,
18.6448

Harmonies

Analogous

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



78.2483, 77.4509, 97.2766



79.8688, 77.4509, 88.5819



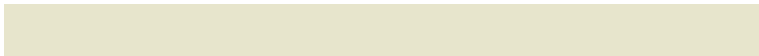
79.7789, 77.4509, 79.3407

Triad

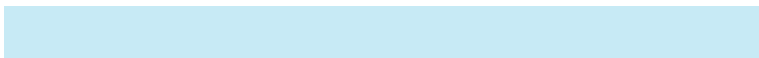
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8688, 77.4509, 88.5819



71.8511, 77.4509, 68.2888



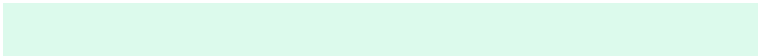
69.3913, 77.4509, 98.0115

Complementary

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



79.8688, 77.4509, 88.5819



78.8441, 89.6450, 92.5088

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.



67.7766, 77.4509, 89.5260



79.8688, 77.4509, 88.5819



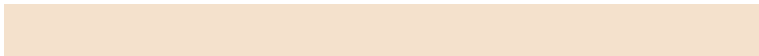
69.1678, 77.4509, 72.5879

Square

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



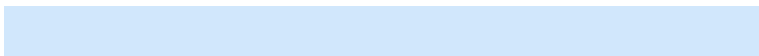
79.8688, 77.4509, 88.5819



75.0845, 77.4509, 68.0771



67.6960, 77.4509, 80.2181



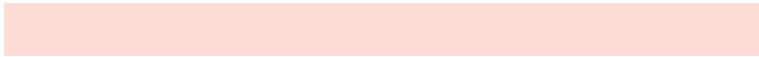
72.1643, 77.4509, 102.9853

Rectangle

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



79.8688, 77.4509, 88.5819



78.7599, 77.4509, 74.1122



67.6960, 77.4509, 80.2181



68.6987, 77.4509, 95.4482

Sweetspot

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



79.8710, 77.4543, 88.5836



91.0182, 93.3184, 103.2956



77.4434, 75.9251, 101.0168



19.3240, 19.7134, 21.8884



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

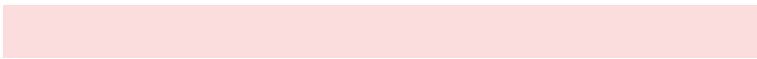
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8710, 77.4543, 88.5836



81.7840, 78.1334, 90.0952



78.2018, 77.2078, 78.4951



17.5816, 17.3600, 19.6527



22.6753, 11.4858, 10.2644



2.1531, 1.0850, 1.2297

Inverse Universe

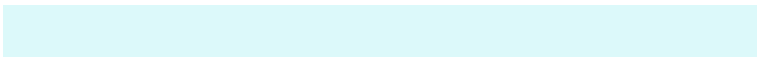
The Inverse Universe completely reimagines the original color for something new.



79.8710, 77.4543, 88.5836



81.7840, 78.1334, 90.0952



80.6486, 89.8710, 103.5397



17.5816, 17.3600, 19.6527



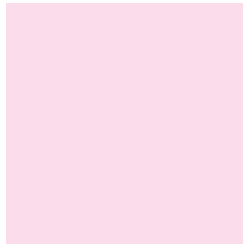
22.6753, 11.4858, 10.2644



2.1531, 1.0850, 1.2297

Previews

White Background



This preview shows how the XYZ color 79.8688, 77.4509, 88.5819 looks on a white background.

Color Contrast Check

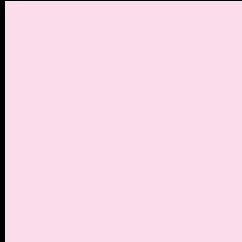
Large Text (above 18pt) WCAG AA × Fail

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 79.8688, 77.4509, 88.5819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

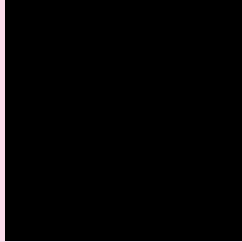
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8688, 77.4509, 88.5819

Background



This preview shows how black text looks on a background with the XYZ color 79.8688, 77.4509, 88.5819.

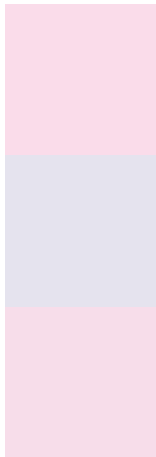


This preview shows how white text looks on a background with the XYZ color 79.8688, 77.4509,

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

79.8688, 77.4509, 88.5819

Protanopia

75.2148, 77.7692, 91.9356

Deuteranopia

79.0655, 77.4276, 88.6197



Tritanopia

80.3036, 77.6248, 90.8714

Trichromacy



Original Color

79.8688, 77.4509, 88.5819

Protanomaly

76.8668, 77.4303, 91.0150

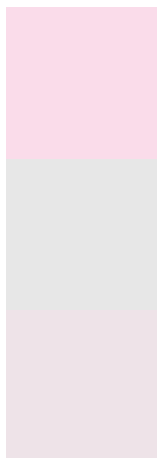
Deuteranomaly

79.4191, 77.6099, 88.6363

Tritanomaly

80.1579, 77.5665, 90.1039

Monochromacy



Original Color

79.8688, 77.4509, 88.5819

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.2945, 78.9415, 87.5073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8688, 77.4509, 88.5819 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, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 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(250, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.8688, 77.4509, 88.5819 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, 220, 234) }
```


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

```
.border{ border-color:rgb(250, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8688, 77.4509, 88.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 234) }
```

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

```
.background{ background-color: rgb(250,  
220, 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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