

Converting Colors

XYZ(79.8048, 77.7932, 95.6468)

Have a look what the booklet for
XYZ(79.8048, 77.7932, 95.6468)
contains.

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Color

**XYZ(79.6903, 77.5964,
95.5715)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DDF3
RGB	245, 221, 243
RGB Percent	96%, 87%, 95%
CMY	0.0392, 0.1333, 0.0471
CMYK	0.00, 0.10, 0.01, 0.04
HSL	305°, 55%, 91%
HSV	305°, 10%, 96%
XYZ	79.6903, 77.5964, 95.5715
YIQ	230.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

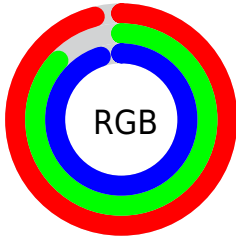
Format	Color
R _Y B	245, 221, 243
Decimal	16113139
CIE Lab	90.60, 12.01, -7.71
CIE LCh	91, 14.273, 327.314
Yxy	77.5964, 0.3152, 0.3069
Android (android.graphics.Color)	4294303219 (0xFFF5DDF3)
YUV	230.6840, 6.0718, 12.5551
Hunter-Lab	88.0888, 7.3261, -2.6642

Details

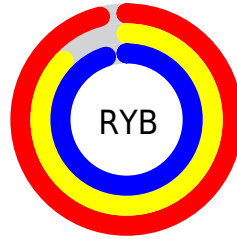
The XYZ color **79.6903, 77.5964, 95.5715** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7934, 86.0069, 82.4223**, and the grayscale version is **75.6752, 79.6162, 86.7021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5921, 41.6791, 52.7610** is the 20% darker color. If you saturate the color by 10%, you get **73.3820, 65.4695, 91.9564**, and if you desaturate by 10%, it is **86.9505, 91.6192, 99.5226**.

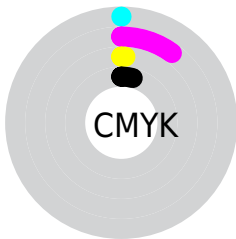
Distribution



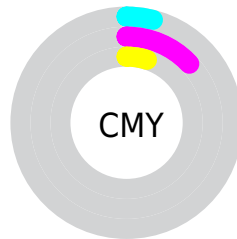
- Red (96%)
- Green (87%)
- Blue (95%)



- Red (96%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6903, 77.5964, 95.5715 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 79.6903, 77.5964, 95.5715 by changing the saturation by 10% instead.

79.6903, 77.5964,
95.5715

79.6903, 77.5964,
95.5715

482.6410,
486.7951, 567.0240

59.7711, 57.7425,
72.0112

131.8830,
129.9810, 157.0563

43.4829, 41.6017,
52.6809

164.8873,
163.2805, 195.8179

30.4604, 28.7895,
37.1622

202.9840,
201.8307, 240.4836

20.3381, 18.9216,
25.0363

246.5384,
246.0159, 291.4721

12.7507, 11.6137,
15.8848

295.9160,
296.2205, 349.2018

7.3329, 6.4812,
9.2892

351.4820,

3.7194, 3.1398,

352.8290, 414.0913

4.8309

413.6019,
416.2257, 486.5592

■ 1.5446, 1.2052,
2.0914

■ 0.3559, 0.0659,
0.6106

■ 79.6903, 77.5964,
95.5715

■ 79.6903, 77.5964,
95.5715

■ 73.3820, 65.4695,
91.9564

■ 86.9505, 91.6192,
99.5226

■ 67.9780, 55.1469,
88.6587

■ 90.2185, 97.6535,
102.1591

■ 63.4370, 46.5448,
85.6655

■ 90.5356, 97.7803,
103.8290

■ 59.7116, 39.5684,
82.9609

■ 90.8562, 97.9085,
105.5171

■ 56.7499, 34.1141,
80.5276

■ 91.1803, 98.0382,
107.2236

■ 54.4941, 30.0662,
78.3463

■ 91.4668, 98.1528,
108.7323

■ 52.8781, 27.2926,
76.3948

■ 51.8233, 25.6357,
74.6469

■ 51.2013, 24.8393,
73.0598

Harmonies

Analogous

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



76.9520, 77.5964, 103.2133



79.6903, 77.5964, 95.5715



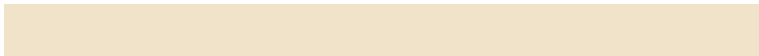
80.8339, 77.5964, 85.4152

Triad

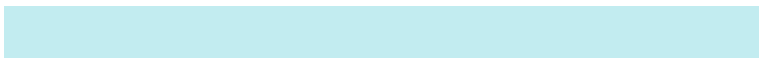
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6903, 77.5964, 95.5715



74.0756, 77.5964, 66.3127



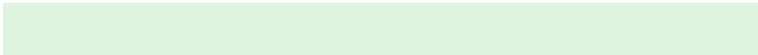
67.8132, 77.5964, 93.8473

Complementary

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



79.6903, 77.5964, 95.5715



75.7934, 86.0069, 82.4223

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.



67.0983, 77.5964, 83.5701



79.6903, 77.5964, 95.5715



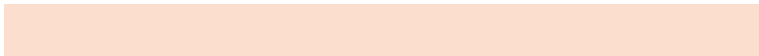
70.6440, 77.5964, 68.1789

Square

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



79.6903, 77.5964, 95.5715



77.5274, 77.5964, 68.9816



68.1183, 77.5964, 74.2987



70.1032, 77.5964, 102.1626

Rectangle

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



79.6903, 77.5964, 95.5715



80.5113, 77.5964, 78.7656



68.1183, 77.5964, 74.2987



67.3840, 77.5964, 90.4838

Sweetspot

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



79.6926, 77.5998, 95.5732



92.5554, 95.1748, 107.5628



72.7726, 73.9973, 96.8349



19.6715, 20.1023, 22.9476



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.



79.6926, 77.5998, 95.5732



85.6453, 81.8434, 103.7526



77.9390, 76.8984, 86.3392



17.1505, 16.7431, 20.5393



27.6020, 13.3842, 39.4739



2.4432, 1.1833, 3.5603

Inverse Universe

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



79.6926, 77.5998, 95.5732



85.6453, 81.8434, 103.7526



77.4693, 86.6772, 91.2470



17.1505, 16.7431, 20.5393



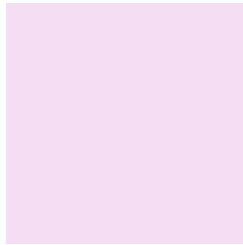
27.6020, 13.3842, 39.4739



2.4432, 1.1833, 3.5603

Previews

White Background



This preview shows how the XYZ color 79.6903, 77.5964, 95.5715 looks on a white background.

Color Contrast Check

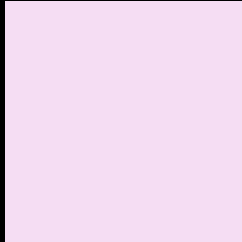
Large Text (above 18pt) WCAG AA × Fail

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 79.6903, 77.5964, 95.5715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

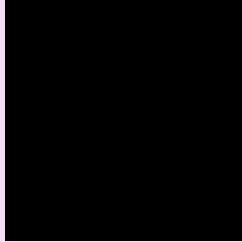
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6903, 77.5964, 95.5715

Background



This preview shows how black text looks on a background with the XYZ color 79.6903, 77.5964, 95.5715.



This preview shows how white text looks on a background with the XYZ color 79.6903, 77.5964,

95.5715.

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

79.6903, 77.5964, 95.5715

Protanopia

75.7822, 77.9229, 98.2352

Deuteranopia

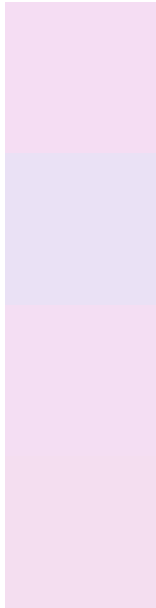
79.6072, 77.9467, 95.6435



Tritanopia

79.0095, 77.7076, 92.4962

Trichromacy



Original Color

79.6903, 77.5964, 95.5715

Protanomaly

77.3383, 77.9354, 97.3531

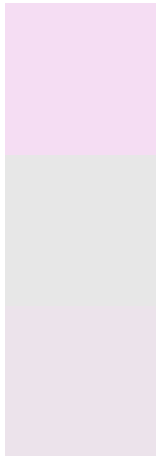
Deuteranomaly

79.6072, 77.9467, 95.6435

Tritanomaly

79.1577, 77.7669, 93.2765

Monochromacy



Original Color

79.6903, 77.5964, 95.5715

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0566, 78.7692, 89.7399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6903, 77.5964, 95.5715 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(245, 221, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 243)  
}
```

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(245, 221, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.6903, 77.5964, 95.5715 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(245, 221, 243) }
```


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

```
.border{ border-color:rgb(245, 221, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6903, 77.5964, 95.5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 243) }
```

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

```
.background{ background-color: rgb(245,  
221, 243) }
```

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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