

Converting Colors

XYZ(79.9929, 79.8730, 91.5960)

Have a look what the booklet for
XYZ(79.9929, 79.8730, 91.5960)
contains.

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Color

**XYZ(79.7906, 79.7402,
91.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2ED
RGB	244, 226, 237
RGB Percent	96%, 89%, 93%
CMY	0.0431, 0.1137, 0.0706
CMYK	0.00, 0.07, 0.03, 0.04
HSL	323°, 45%, 92%
HSV	323°, 7%, 96%
XYZ	79.7906, 79.7402, 91.3067
YIQ	232.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

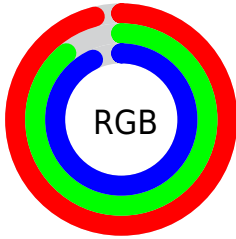
Format	Color
R _Y B	244, 226, 237
Decimal	16048877
CIE Lab	91.57, 8.02, -3.14
CIE LCh	92, 8.610, 338.620
Yxy	79.7402, 0.3181, 0.3179
Android (android.graphics.Color)	4294238957 (0xFF4E2ED)
YUV	232.6360, 2.1515, 9.9662
Hunter-Lab	89.2974, 3.2262, 1.8840

Details

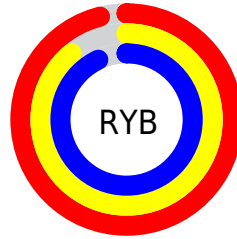
The XYZ color **79.7906, 79.7402, 91.3067** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4257, 86.7554, 89.7070**, and the grayscale version is **77.1610, 81.1794, 88.4043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6424, 43.1534, 49.7453** is the 20% darker color. If you saturate the color by 10%, you get **72.2725, 66.8638, 82.1398**, and if you desaturate by 10%, it is **88.3308, 94.5412, 101.1784**.

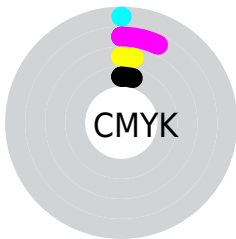
Distribution



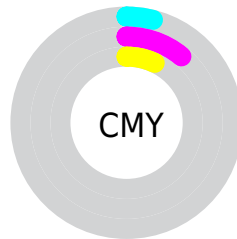
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7906, 79.7402, 91.3067 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 79.7906, 79.7402, 91.3067 by changing the saturation by 10% instead.

79.7906, 79.7402,
91.3067

79.7906, 79.7402,
91.3067

482.9742,
494.0569, 552.9518

59.8539, 59.5046,
68.4851

132.0234,
133.0004, 151.1035

43.5499, 43.0194,
49.8234

165.0502,
166.7938, 188.9157

30.5132, 29.9004,
34.9029

203.1710,
205.8752, 232.5620

20.3785, 19.7630,
23.3051

246.7514,
250.6291, 282.4608

12.7803, 12.2229,
14.6115

296.1565,
301.4398, 339.0306

7.3534, 6.8957,
8.4036

351.7517,

3.7324, 3.3969,

358.6917, 402.6900

4.2628

413.9025,
422.7693, 473.8576

■ 1.5519, 1.3423,
1.7706

■ 0.3607, 0.1736,
0.4085

■ 79.7906, 79.7402,
91.3067

■ 79.7906, 79.7402,
91.3067

■ 72.2725, 66.8638,
82.1398

■ 88.3308, 94.5412,
101.1784

■ 65.7289, 55.8218,
73.6533

■ 91.1187, 97.9733,
108.7160

■ 60.1184, 46.5322,
65.8289

■ 55.3939, 38.9028,
58.6449

■ 51.5042, 32.8329,
52.0783

■ 48.3923, 28.2105,
46.1040

■ 45.9938, 24.9089,
40.6943

■ 44.2331, 22.7789,
35.8174

■ 43.0115, 21.6257,
31.4337

Harmonies

Analogous

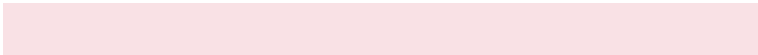
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4566, 79.7402, 96.6177



79.7906, 79.7402, 91.3067



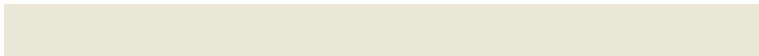
80.0422, 79.7402, 85.0238

Triad

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



79.7906, 79.7402, 91.3067



75.1596, 79.7402, 75.4086



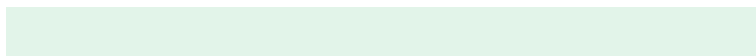
72.5395, 79.7402, 94.5914

Complementary

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



79.7906, 79.7402, 91.3067



78.4257, 86.7554, 89.7070

Split Complementary

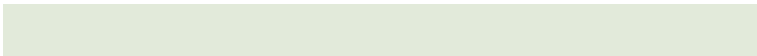
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6924, 79.7402, 88.6484



79.7906, 79.7402, 91.3067



73.1859, 79.7402, 77.7146

Square

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



79.7906, 79.7402, 91.3067



77.3403, 79.7402, 76.0436



71.9267, 79.7402, 82.4895



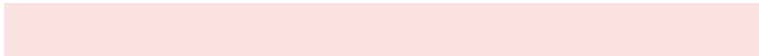
74.2619, 79.7402, 98.5770

Rectangle

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



79.7906, 79.7402, 91.3067



79.5577, 79.7402, 81.1594



71.9267, 79.7402, 82.4895



72.1445, 79.7402, 92.7452

Sweetspot

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



79.7929, 79.7437, 91.3084



93.1267, 96.6620, 106.6914



77.1002, 78.2350, 96.6263



19.9531, 20.7246, 22.8596



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

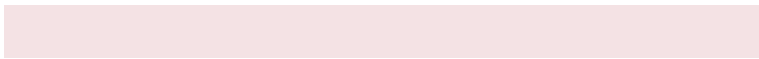
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7929, 79.7437, 91.3084



86.7565, 85.6597, 99.2089



78.5248, 79.2364, 84.6308



16.9246, 16.6527, 19.3495



23.3088, 11.6669, 16.8662



2.0989, 1.0455, 1.7472

Inverse Universe

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



79.7929, 79.7437, 91.3084



86.7565, 85.6597, 99.2089



79.7292, 87.2768, 96.5711



16.9246, 16.6527, 19.3495



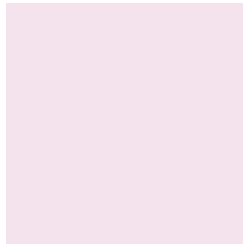
23.3088, 11.6669, 16.8662



2.0989, 1.0455, 1.7472

Previews

White Background



This preview shows how the XYZ color 79.7906, 79.7402, 91.3067 looks on a white background.

Color Contrast Check

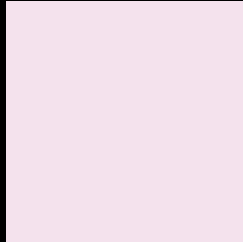
Large Text (above 18pt) WCAG AA × Fail

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 79.7906, 79.7402, 91.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

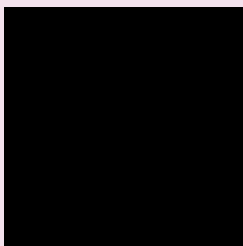
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7906, 79.7402, 91.3067

Background



This preview shows how black text looks on a background with the XYZ color 79.7906, 79.7402, 91.3067.

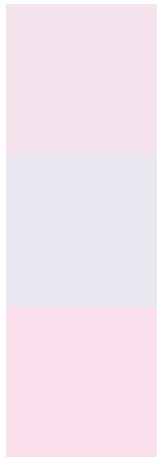


This preview shows how white text looks on a background with the XYZ color 79.7906, 79.7402,

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

79.7906, 79.7402, 91.3067

Protanopia

77.4811, 80.1493, 93.0480

Deuteranopia

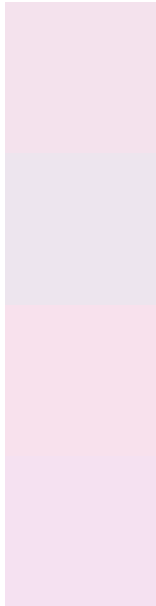
81.3661, 79.7497, 91.2255



Tritanopia

80.7591, 79.7340, 95.9278

Trichromacy



Original Color

79.7906, 79.7402, 91.3067

Protanomaly

78.3770, 80.2162, 92.2413

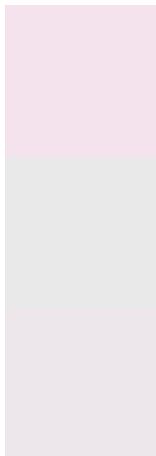
Deuteranomaly

80.9227, 79.9213, 91.2820

Tritanomaly

80.4586, 79.6138, 94.3455

Monochromacy



Original Color

79.7906, 79.7402, 91.3067

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0731, 80.5387, 89.2725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7906, 79.7402, 91.3067 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(244, 226, 237) looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 237)  
}
```

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(244, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.7906, 79.7402, 91.3067 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(244, 226, 237) }
```


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

```
.border{ border-color:rgb(244, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7906, 79.7402, 91.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 237) }
```

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

```
.background{ background-color: rgb(244,  
226, 237) }
```

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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