

Converting Colors

XYZ(79.0032, 78.7937, 97.4310)

Have a look what the booklet for
XYZ(79.0032, 78.7937, 97.4310)
contains.

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Color

**XYZ(79.0032, 78.7937,
97.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE1F5
RGB	239, 225, 245
RGB Percent	94%, 88%, 96%
CMY	0.0627, 0.1176, 0.0392
CMYK	0.02, 0.08, 0.00, 0.04
HSL	282°, 50%, 92%
HSV	282°, 8%, 96%
XYZ	79.0032, 78.7937, 97.4310
YIQ	231.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

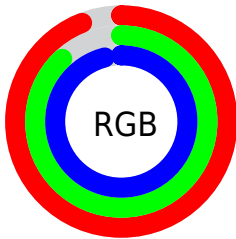
Format	Color
R _Y B	239, 225, 245
Decimal	15720949
CIE Lab	91.14, 8.30, -8.00
CIE LCh	91, 11.530, 316.058
Yxy	78.7937, 0.3095, 0.3087
Android (android.graphics.Color)	4293911029 (0xFFEFE1F5)
YUV	231.4660, 6.6723, 6.6073
Hunter-Lab	88.7658, 3.5281, -2.9417

Details

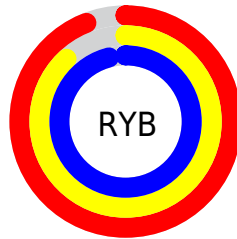
The XYZ color **79.0032, 78.7937, 97.4310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.2010, 87.7321, 83.9978**, and the grayscale version is **76.2556, 80.2268, 87.3670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0885, 42.4909, 54.0747** is the 20% darker color. If you saturate the color by 10%, you get **70.4184, 65.2330, 95.2672**, and if you desaturate by 10%, it is **88.6438, 94.3138, 99.9198**.

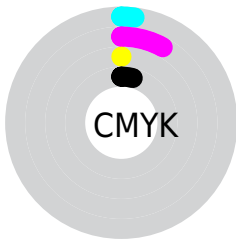
Distribution



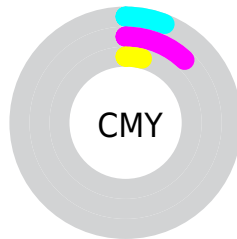
- Red (94%)
- Green (88%)
- Blue (96%)



- Red (94%)
- Yellow (88%)
- Blue (96%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0032, 78.7937, 97.4310 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 79.0032, 78.7937, 97.4310 by changing the saturation by 10% instead.

79.0032, 78.7937,
97.4310

79.0032, 78.7937,
97.4310

480.3550,
490.8582, 573.1006

59.2041, 58.7262,
73.5519

130.9213,
131.6684, 159.6432

43.0244, 42.3928,
53.9328

163.7709,
165.2444, 198.8135

30.0989, 29.4090,
38.1551

201.7015,
204.0920, 243.9178

20.0621, 19.3904,
25.8004

245.0783,
248.5956, 295.3749

12.5487, 11.9527,
16.4499

294.2667,
299.1396, 353.6031

7.1934, 6.7115,
9.6853

349.6320,

3.6307, 3.2823,

356.1085, 419.0211

5.0879

411.5397,
419.8865, 492.0474

■ 1.4954, 1.2808,
2.2393

■ 0.3227, 0.1263,
0.6969

■ 79.0032, 78.7937,
97.4310

■ 79.0032, 78.7937,
97.4310

■ 70.4184, 65.2330,
95.2672

■ 88.6438, 94.3138,
99.9198

■ 62.8411, 53.5404,
93.4096

■ 93.0066, 99.1278,
100.6190

■ 56.2293, 43.6324,
91.8457

■ 93.4817, 99.3727,
100.6412

■ 50.5351, 35.4151,
90.5597

■ 45.7061, 28.7856,
89.5346

■ 41.6844, 23.6299,
88.7514

■ 38.4041, 19.8183,
88.1886

■ 35.7878, 17.1977,
87.8207

■ 33.7284, 15.5563,
87.6124

Harmonies

Analogous

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



76.4534, 78.7937, 102.1760



79.0032, 78.7937, 97.4310



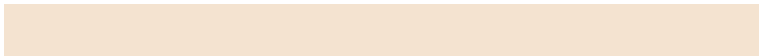
80.4683, 78.7937, 89.7222

Triad

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



79.0032, 78.7937, 97.4310



76.2508, 78.7937, 71.1264



69.6287, 78.7937, 90.3139

Complementary

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



79.0032, 78.7937, 97.4310



79.2010, 87.7321, 83.9978

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.



69.5776, 78.7937, 81.9801



79.0032, 78.7937, 97.4310



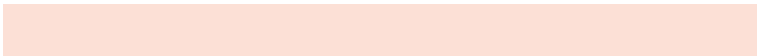
73.3501, 78.7937, 71.2620

Square

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



79.0032, 78.7937, 97.4310



78.8515, 78.7937, 74.7374



70.9241, 78.7937, 75.1206



71.0655, 78.7937, 97.8883

Rectangle

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



79.0032, 78.7937, 97.4310



80.6089, 78.7937, 84.1087



70.9241, 78.7937, 75.1206



69.4502, 78.7937, 87.4996

Sweetspot

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



79.0055, 78.7971, 97.4327



92.8838, 96.5000, 108.3386



76.2052, 79.9421, 97.8013



19.9037, 20.6916, 23.1948



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.



79.0055, 78.7971, 97.4327



84.6887, 83.3733, 106.2368



80.5108, 79.6371, 94.6103



16.7013, 16.5042, 20.8479



18.1300, 8.3207, 47.1885



1.6969, 0.7846, 4.1522

Inverse Universe

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



79.0080, 79.0360, 86.6967



84.7061, 83.6990, 91.9279



77.8029, 86.9530, 86.5714



16.7038, 16.5644, 18.1866



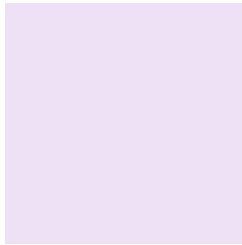
20.9964, 10.7420, 4.6897



1.8889, 0.9615, 0.6412

Previews

White Background



This preview shows how the XYZ color 79.0032, 78.7937, 97.4310 looks on a white background.

Color Contrast Check

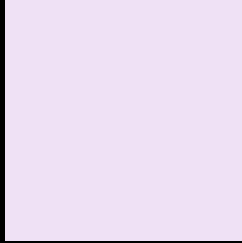
Large Text (above 18pt) WCAG AA × Fail

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 79.0032, 78.7937, 97.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

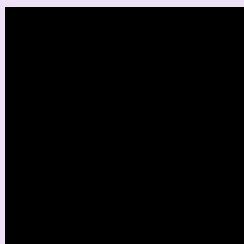
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

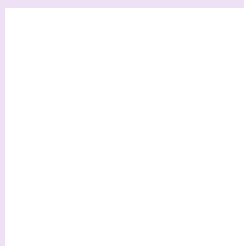
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0032, 78.7937, 97.4310

Background



This preview shows how black text looks on a background with the XYZ color 79.0032, 78.7937, 97.4310.



This preview shows how white text looks on a background with the XYZ color 79.0032, 78.7937,

97.4310.

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

79.0032, 78.7937, 97.4310

Protanopia

76.8450, 78.8602, 99.1671

Deuteranopia

80.5253, 78.7804, 97.3482



Tritanopia

78.6995, 78.6722, 95.8314

Trichromacy



Original Color

79.0032, 78.7937, 97.4310

Protanomaly

77.7079, 78.9156, 98.3254

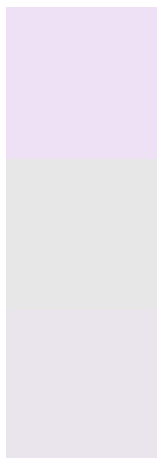
Deuteranomaly

80.0992, 78.9586, 97.4050

Tritanomaly

78.8510, 78.7328, 96.6290

Monochromacy



Original Color

79.0032, 78.7937, 97.4310

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0913, 79.5872, 90.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0032, 78.7937, 97.4310 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(239, 225, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 245)  
}
```

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(239, 225, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.0032, 78.7937, 97.4310 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(239, 225, 245) }
```


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

```
.border{ border-color:rgb(239, 225, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0032, 78.7937, 97.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 245) }
```

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

```
.background{ background-color: rgb(239,  
225, 245) }
```

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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