

Converting Colors

XYZ(78.2265, 79.3587, 89.4894)

Have a look what the booklet for
XYZ(78.2265, 79.3587, 89.4894)
contains.

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Color

**XYZ(78.3997, 79.4616,
89.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3EB
RGB	240, 227, 235
RGB Percent	94%, 89%, 92%
CMY	0.0588, 0.1098, 0.0784
CMYK	0.00, 0.05, 0.02, 0.06
HSL	323°, 30%, 92%
HSV	323°, 5%, 94%
XYZ	78.3997, 79.4616, 89.8028
YIQ	231.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

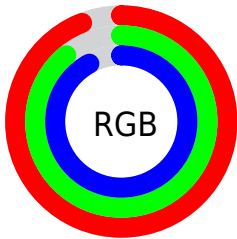
Format	Color
R_{YB}	240, 227, 235
Decimal	15786987
CIE _{Lab}	91.44, 5.80, -2.31
CIE _{LCh}	91, 6.245, 338.255
Yxy	79.4616, 0.3166, 0.3208
Android (android.graphics.Color)	4293977067 (0xFFFF0E3EB)
YUV	231.7990, 1.5781, 7.1923
Hunter-Lab	89.1412, 0.9936, 2.6688

Details

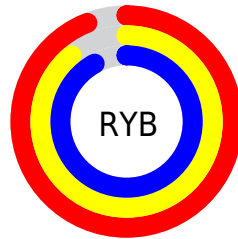
The XYZ color **78.3997, 79.4616, 89.8028** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.4072, 84.4794, 88.5745**, and the grayscale version is **76.5393, 80.5253, 87.6920**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6564, 42.9501, 48.6898** is the 20% darker color. If you saturate the color by 10%, you get **70.9886, 66.7182, 80.9210**, and if you desaturate by 10%, it is **86.7996, 94.0695, 99.3578**.

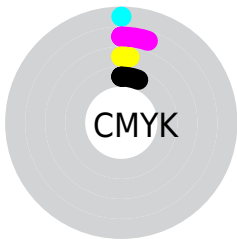
Distribution



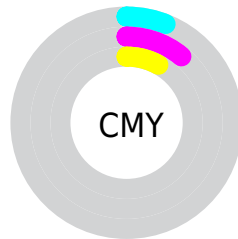
- Red (94%)
- Green (89%)
- Blue (92%)



- Red (94%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3997, 79.4616, 89.8028 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 78.3997, 79.4616, 89.8028 by changing the saturation by 10% instead.


 78.3997, 79.4616,
89.8028

 78.3997, 79.4616,
89.8028


478.3423,
493.1165, 547.9427

 58.7063, 59.2754,
67.2443


130.0758,
132.6085, 148.9976

 42.6222, 42.8349,
48.8203


162.7892,
166.3380, 186.4709

 29.7820, 29.7556,
34.1124


200.5734,
205.3507, 229.7530

 19.8205, 19.6531,
22.7019

243.7936,
250.0311, 279.2623

 12.3721, 12.1432,
14.1703

292.8152,
300.7634, 335.4174

 7.0716, 6.8412,
8.0991

348.0036,

 3.5537, 3.3630,

357.9322, 398.6368

4.0698

409.7242,
421.9218, 469.3390

■ 1.4529, 1.3241,
1.6637

■ 0.2934, 0.1597,
0.3357

■ 78.3997, 79.4616,
89.8028

■ 78.3997, 79.4616,
89.8028

■ 70.9886, 66.7182,
80.9210

■ 86.7996, 94.0695,
99.3578

■ 64.5207, 55.7534,
72.6893

■ 89.5002, 97.1673,
107.3587

■ 58.9572, 46.4897,
65.0903

■ 89.7457, 97.2655,
108.6518

■ 54.2534, 38.8398,
58.1038

■ 50.3611, 32.7088,
51.7083

■ 47.2268, 27.9918,
45.8802

■ 44.7903, 24.5701,
40.5936

■ 42.9815, 22.3057,
35.8193

■ 41.7146, 21.0286,
31.5224

Harmonies

Analogous

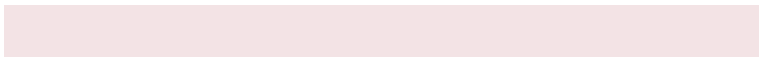
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4336, 79.4616, 93.5754



78.3997, 79.4616, 89.8028



78.5903, 79.4616, 85.2698

Triad

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



78.3997, 79.4616, 89.8028



75.0880, 79.4616, 78.1457



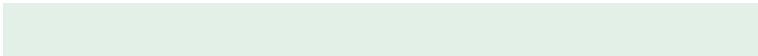
73.1518, 79.4616, 92.0523

Complementary

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



78.3997, 79.4616, 89.8028



77.4072, 84.4794, 88.5745

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.



72.5421, 79.4616, 87.7827



78.3997, 79.4616, 89.8028



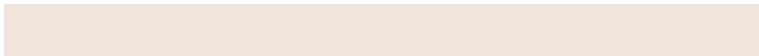
73.6497, 79.4616, 79.8288

Square

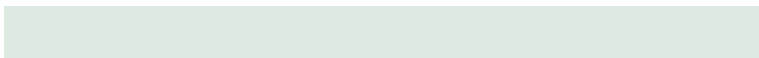
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3997, 79.4616, 89.8028



76.6635, 79.4616, 78.6439



72.7231, 79.4616, 83.3185



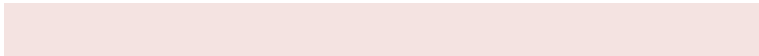
74.3995, 79.4616, 94.9056

Rectangle

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



78.3997, 79.4616, 89.8028



78.2494, 79.4616, 82.4433



72.7231, 79.4616, 83.3185



72.8662, 79.4616, 90.7293

Sweetspot

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



78.4020, 79.4650, 89.8045



93.1302, 96.6633, 106.7095



76.4737, 78.3863, 93.5388



19.9538, 20.7249, 22.8633



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

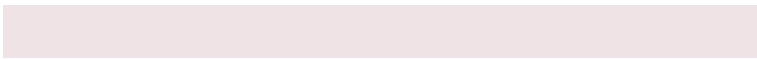
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4020, 79.4650, 89.8045



89.4284, 90.2503, 102.4221



77.4825, 79.0973, 84.9627



16.6485, 16.7275, 19.0647



22.6500, 11.3324, 16.6053



1.9327, 0.9621, 1.6366

Inverse Universe

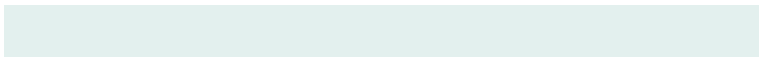
The Inverse Universe completely reimagines the original color for something new.



78.4020, 79.4650, 89.8045



89.4284, 90.2503, 102.4221



78.3449, 84.8545, 93.5127



16.6485, 16.7275, 19.0647



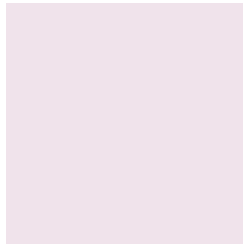
22.6500, 11.3324, 16.6053



1.9327, 0.9621, 1.6366

Previews

White Background



This preview shows how the XYZ color 78.3997, 79.4616, 89.8028 looks on a white background.

Color Contrast Check

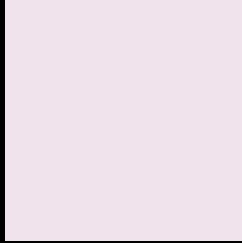
Large Text (above 18pt) WCAG AA × Fail

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 78.3997, 79.4616, 89.8028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

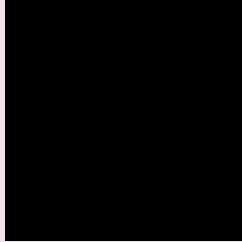
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

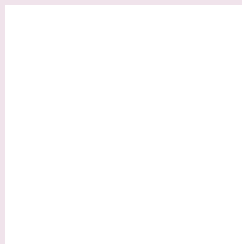
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3997, 79.4616, 89.8028

Background



This preview shows how black text looks on a background with the XYZ color 78.3997, 79.4616, 89.8028.

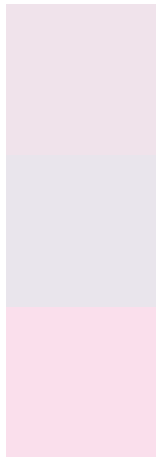


This preview shows how white text looks on a background with the XYZ color 78.3997, 79.4616,

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

78.3997, 79.4616, 89.8028

Protanopia

76.7639, 79.4184, 90.6403

Deuteranopia

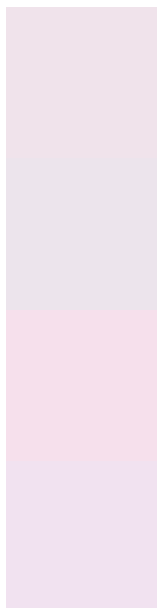
80.9523, 79.1555, 90.3688



Tritanopia

79.6496, 79.5645, 95.9535

Trichromacy



Original Color

78.3997, 79.4616, 89.8028

Protanomaly

77.4758, 79.3758, 90.5945

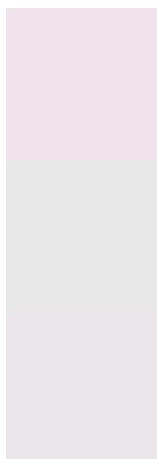
Deuteranomaly

79.8020, 78.9603, 90.3917

Tritanomaly

79.2002, 79.3848, 93.5866

Monochromacy



Original Color

78.3997, 79.4616, 89.8028

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2657, 80.1390, 88.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3997, 79.4616, 89.8028 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(240, 227, 235) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 235)  
}
```

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(240, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 78.3997, 79.4616, 89.8028 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(240, 227, 235) }
```


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

```
.border{ border-color:rgb(240, 227, 235) }
```

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

Here you see how a box with a 4 pixel rgb(240, 227, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3997, 79.4616, 89.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 235) }
```

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

```
.background{ background-color: rgb(240,  
227, 235) }
```

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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