

Converting Colors

XYZ(79.7081, 82.0361, 94.3687)

Have a look what the booklet for
XYZ(79.7081, 82.0361, 94.3687)
contains.

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Color

**XYZ(79.8447, 82.1816,
94.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE8F0
RGB	238, 232, 240
RGB Percent	93%, 91%, 94%
CMY	0.0667, 0.0902, 0.0588
CMYK	0.01, 0.03, 0.00, 0.06
HSL	285°, 21%, 93%
HSV	285°, 3%, 94%
XYZ	79.8447, 82.1816, 94.0925
YIQ	234.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

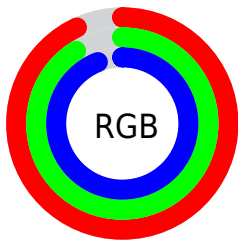
Format	Color
R _Y B	238, 232, 240
Decimal	15657200
CIE Lab	92.65, 3.44, -3.16
CIE LCh	93, 4.673, 317.389
Yxy	82.1816, 0.3117, 0.3209
Android (android.graphics.Color)	4293847280 (0xFFEEE8F0)
YUV	234.7060, 2.6099, 2.8888
Hunter-Lab	90.6541, -1.4285, 1.9190

Details

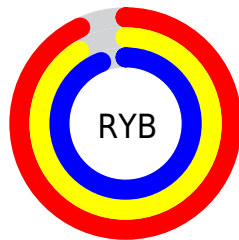
The XYZ color **79.8447, 82.1816, 94.0925** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6603, 85.6410, 88.6798**, and the grayscale version is **78.7244, 82.8242, 90.1955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4685, 44.4564, 51.6373** is the 20% darker color. If you saturate the color by 10%, you get **71.5640, 68.5614, 91.9012**, and if you desaturate by 10%, it is **88.7982, 97.0453, 96.4908**.

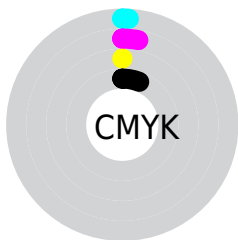
Distribution



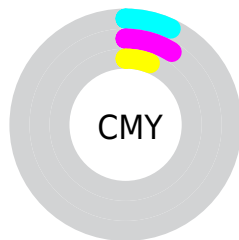
- Red (93%)
- Green (91%)
- Blue (94%)



- Red (93%)
- Yellow (91%)
- Blue (94%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8447, 82.1816, 94.0925 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 79.8447, 82.1816, 94.0925 by changing the saturation by 10% instead.

79.8447, 82.1816,
94.0925

79.8447, 82.1816,
94.0925

483.1538,
502.2549, 562.1656

59.8986, 61.5152,
70.7872

132.0990,
136.4286, 154.9950

43.5860, 44.6411,
51.6878

165.1380,
170.7781, 193.4293

30.5417, 31.1748,
36.3757

203.2719,
210.4574, 237.7437

20.4002, 20.7320,
24.4325

246.8662,
255.8509, 288.3567

12.7963, 12.9283,
15.4396

296.2862,
307.3430, 345.6868

7.3644, 7.3792,
8.9785

351.8972,

3.7394, 3.7003,

365.3181, 410.1527

4.6305

414.0646,
430.1606, 482.1727

■ 1.5558, 1.5074,
1.9772

■ 0.3633, 0.2939,
0.5412

■ 79.8447, 82.1816,
94.0925

■ 79.8447, 82.1816,
94.0925

■ 71.5640, 68.5614,
91.9012

■ 88.7982, 97.0453,
96.4908

■ 64.2328, 56.7426,
90.0064

■ 90.9153, 98.1367,
96.5899

■ 57.8133, 46.6493,
88.3965

■ 92.7284, 99.0714,
96.6747

■ 52.2621, 38.1958,
87.0574

■ 47.5322, 31.2889,
85.9735

■ 43.5716, 25.8261,
85.1278

■ 40.3225, 21.6921,
84.5011

■ 37.7175, 18.7538,
84.0713

■ 35.6754, 16.8496,
83.8114

Harmonies

Analogous

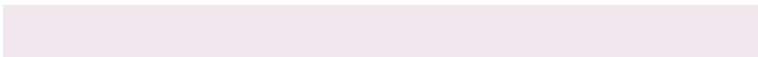
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8120, 82.1816, 96.0257



79.8447, 82.1816, 94.0925



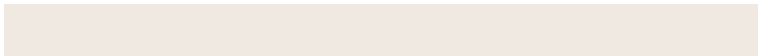
80.4153, 82.1816, 90.9518

Triad

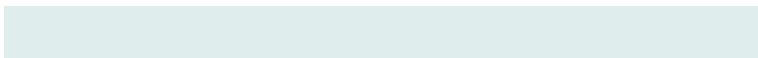
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8447, 82.1816, 94.0925



78.6228, 82.1816, 83.1045



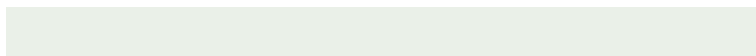
75.9009, 82.1816, 91.4981

Complementary

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



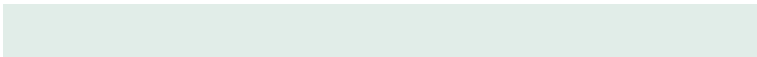
79.8447, 82.1816, 94.0925



79.6603, 85.6410, 88.6798

Split Complementary

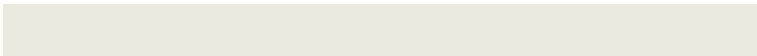
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8514, 82.1816, 88.0277



79.8447, 82.1816, 94.0925



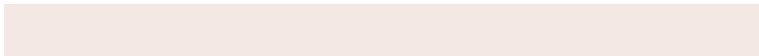
77.4144, 82.1816, 83.2422

Square

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



79.8447, 82.1816, 94.0925



79.7049, 82.1816, 84.6432



76.4029, 82.1816, 85.0242



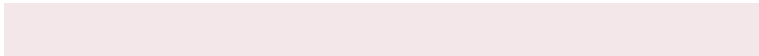
76.5388, 82.1816, 94.5013

Rectangle

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



79.8447, 82.1816, 94.0925



80.4530, 82.1816, 88.6233



76.4029, 82.1816, 85.0242



75.8152, 82.1816, 90.3458

Sweetspot

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



79.8471, 82.1851, 94.0943



94.0076, 98.2630, 108.6197



78.4710, 82.3722, 94.2029



20.1325, 21.0506, 23.2520



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.



79.8471, 82.1851, 94.0943



90.9496, 93.1832, 107.8003



80.2465, 82.4229, 92.6734



16.9013, 17.2311, 20.1568



19.0381, 8.8199, 45.8269



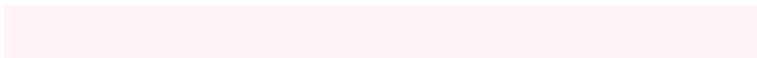
1.6739, 0.7802, 3.8166

Inverse Universe

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



79.6460, 82.1827, 89.5111



90.6747, 93.1810, 101.4867



79.2739, 85.4110, 90.0528



16.8413, 17.2309, 18.7656



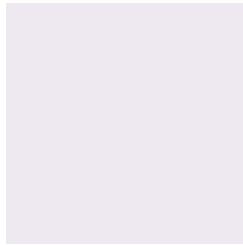
20.1631, 10.3376, 3.5092



1.7160, 0.8754, 0.4951

Previews

White Background



This preview shows how the XYZ color 79.8447, 82.1816, 94.0925 looks on a white background.

Color Contrast Check

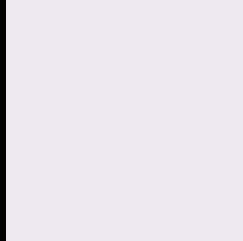
Large Text (above 18pt) WCAG AA × Fail

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 79.8447, 82.1816, 94.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

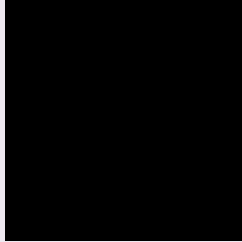
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

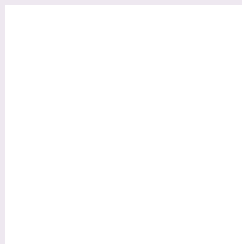
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8447, 82.1816, 94.0925

Background



This preview shows how black text looks on a background with the XYZ color 79.8447, 82.1816, 94.0925.



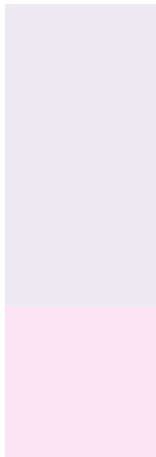
This preview shows how white text looks on a background with the XYZ color 79.8447, 82.1816,

94.0925.

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

79.8447, 82.1816, 94.0925

Protanopia

79.4592, 82.4020, 94.1553

Deuteranopia

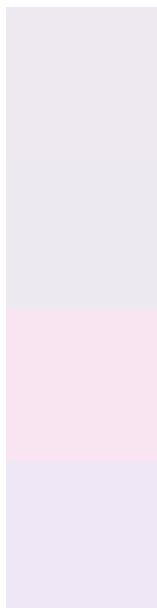
83.8543, 82.1717, 94.6602



Tritanopia

81.2714, 82.3421, 101.2327

Trichromacy



Original Color

79.8447, 82.1816, 94.0925

Protanomaly

79.7921, 82.5736, 94.1709

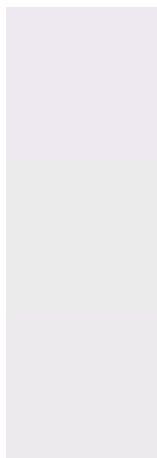
Deuteranomaly

82.6079, 82.3460, 94.7595

Tritanomaly

80.8071, 82.1564, 98.7876

Monochromacy



Original Color

79.8447, 82.1816, 94.0925

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.3010, 82.7929, 91.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8447, 82.1816, 94.0925 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(238, 232, 240) looks like.

```
.text, #text, p{  
    color:rgb(238, 232, 240)  
}
```

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(238, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.8447, 82.1816, 94.0925 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(238, 232, 240) }
```


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

```
.border{ border-color:rgb(238, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8447, 82.1816, 94.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 232, 240) }
```

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

```
.background{ background-color: rgb(238,  
232, 240) }
```

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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