

Converting Colors

XYZ(78.9230, 79.9916, 89.1375)

Have a look what the booklet for
XYZ(78.9230, 79.9916, 89.1375)
contains.

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Color

**XYZ(78.8703, 80.1281,
89.1513)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E4EA
RGB	241, 228, 234
RGB Percent	95%, 89%, 92%
CMY	0.0549, 0.1059, 0.0823
CMYK	0.00, 0.05, 0.03, 0.05
HSL	332°, 32%, 92%
HSV	332°, 5%, 95%
XYZ	78.8703, 80.1281, 89.1513
YIQ	232.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

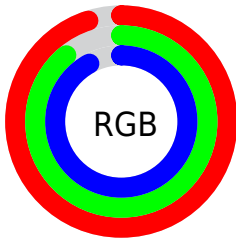
Format	Color
R _{YB}	241, 228, 234
Decimal	15852778
CIE Lab	91.74, 5.45, -1.34
CIE LCh	92, 5.609, 346.151
Yxy	80.1281, 0.3178, 0.3229
Android (android.graphics.Color)	4294042858 (0xFFFF1E4EA)
YUV	232.5710, 0.7045, 7.3922
Hunter-Lab	89.5143, 0.6248, 3.6104

Details

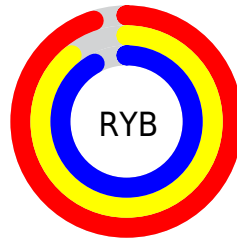
The XYZ color **78.8703, 80.1281, 89.1513** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4486, 85.4048, 90.9515**, and the grayscale version is **77.1235, 81.1399, 88.3613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9870, 43.4158, 48.2339** is the 20% darker color. If you saturate the color by 10%, you get **70.9004, 67.0634, 77.6288**, and if you desaturate by 10%, it is **87.9055, 95.1026, 101.7050**.

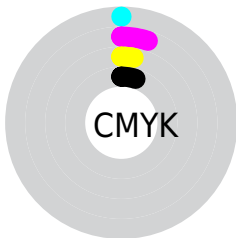
Distribution



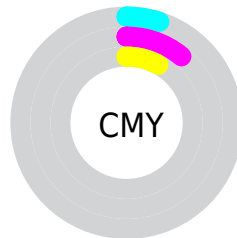
- Red (95%)
- Green (89%)
- Blue (92%)



- Red (95%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8703, 80.1281, 89.1513 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 78.8703, 80.1281, 89.1513 by changing the saturation by 10% instead.


 78.8703, 80.1281,
89.1513

 78.8703, 80.1281,
89.1513


479.9122,
495.3644, 545.7649

 59.0944, 59.8238,
66.7072


130.7351,
133.5458, 148.0841

 42.9358, 43.2766,
48.3866


163.5548,
167.4280, 185.4100

 30.0291, 30.1022,
33.7710


201.4532,
206.6049, 228.5335

 20.0088, 19.9162,
22.4418

244.7955,
251.4610, 277.8732

 12.5098, 12.3341,
13.9805

293.9473,
302.3806, 333.8477

 7.1665, 6.9717,
7.9685

349.2737,

 3.6137, 3.4444,

359.7481, 396.8754

3.9873

411.1402,
423.9479, 467.3750

■ 1.4860, 1.3679,
1.6184

■ 0.3163, 0.1929,
0.3039

■ 78.8703, 80.1281,
89.1513

■ 78.8703, 80.1281,
89.1513

■ 70.9004, 67.0634,
77.6288

■ 87.9055, 95.1026,
101.7050

■ 63.9482, 55.8211,
67.1044

■ 90.0861, 97.4410,
108.6677

■ 57.9722, 46.3220,
57.5503

■ 52.9255, 38.4773,
48.9357

■ 48.7572, 32.1903,
41.2276

■ 45.4110, 27.3539,
34.3906

■ 42.8240, 23.8476,
28.3865

■ 40.9228, 21.5310,
23.1726

■ 39.6181, 20.2312,
18.7002

Harmonies

Analogous

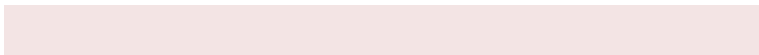
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1669, 80.1281, 92.8363



78.8703, 80.1281, 89.1513



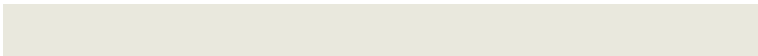
78.8409, 80.1281, 85.0658

Triad

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



78.8703, 80.1281, 89.1513



75.3943, 80.1281, 79.8725



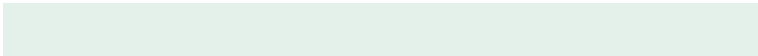
74.2636, 80.1281, 93.0706

Complementary

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



78.8703, 80.1281, 89.1513



78.4486, 85.4048, 90.9515

Split Complementary

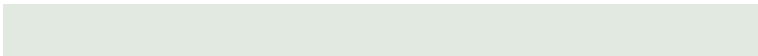
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5393, 80.1281, 89.4629



78.8703, 80.1281, 89.1513



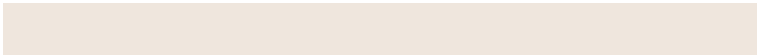
74.1865, 80.1281, 81.8845

Square

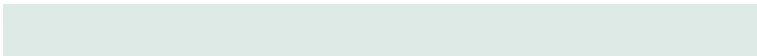
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



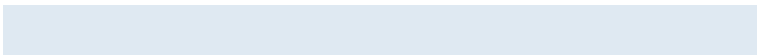
78.8703, 80.1281, 89.1513



76.8218, 80.1281, 79.7951



73.5113, 80.1281, 85.3678



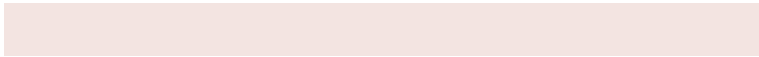
75.5007, 80.1281, 95.1467

Rectangle

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



78.8703, 80.1281, 89.1513



78.4094, 80.1281, 82.6661



73.5113, 80.1281, 85.3678



73.9527, 80.1281, 91.9918

Sweetspot

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



78.8726, 80.1316, 89.1530



93.0054, 96.6134, 106.0522



77.8624, 79.4923, 94.4599



19.9284, 20.7147, 22.7295



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

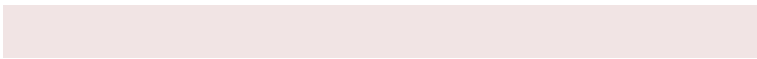
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8726, 80.1316, 89.1530



89.0632, 90.1042, 100.4986



78.1448, 80.0314, 84.7319



16.5734, 16.6974, 18.6692



21.2996, 10.7923, 9.4944



1.8216, 0.9177, 1.0516

Inverse Universe

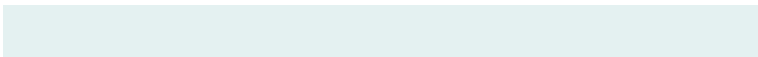
The Inverse Universe completely reimagines the original color for something new.



78.8726, 80.1316, 89.1530



89.0632, 90.1042, 100.4986



79.2017, 85.5011, 95.5491



16.5734, 16.6974, 18.6692



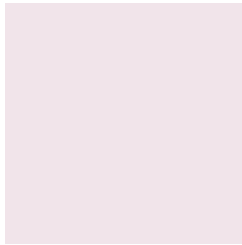
21.2996, 10.7923, 9.4944



1.8216, 0.9177, 1.0516

Previews

White Background



This preview shows how the XYZ color 78.8703, 80.1281, 89.1513 looks on a white background.

Color Contrast Check

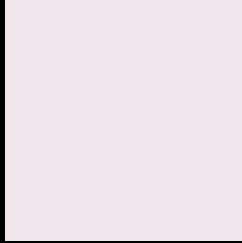
Large Text (above 18pt) WCAG AA × Fail

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 78.8703, 80.1281, 89.1513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

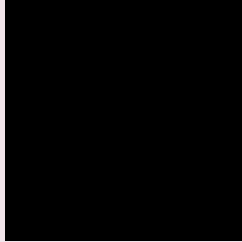
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

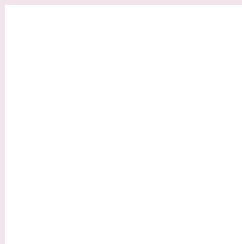
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8703, 80.1281, 89.1513

Background



This preview shows how black text looks on a background with the XYZ color 78.8703, 80.1281, 89.1513.



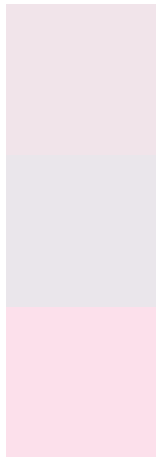
This preview shows how white text looks on a background with the XYZ color 78.8703, 80.1281,

89.1513.

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

78.8703, 80.1281, 89.1513

Protanopia

77.2239, 80.0842, 89.9849

Deuteranopia

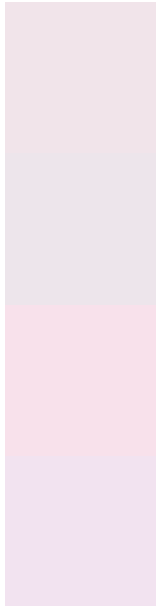
81.7959, 80.0049, 89.7286



Tritanopia

80.4876, 79.9791, 96.7833

Trichromacy



Original Color

78.8703, 80.1281, 89.1513

Protanomaly

77.9398, 80.0413, 89.9389

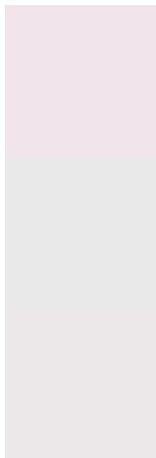
Deuteranomaly

80.6320, 79.8050, 89.7514

Tritanomaly

79.8152, 80.1067, 93.6935

Monochromacy



Original Color

78.8703, 80.1281, 89.1513

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.8760, 80.8679, 88.5954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8703, 80.1281, 89.1513 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(241, 228, 234) looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 234)  
}
```

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(241, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 234) }
```

Border

The CSS property to change the border of an element to XYZ 78.8703, 80.1281, 89.1513 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(241, 228, 234) }
```


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

```
.border{ border-color:rgb(241, 228, 234) }
```

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

Here you see how a box with a 4 pixel rgb(241, 228, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8703, 80.1281, 89.1513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 234) }
```

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

```
.background{ background-color: rgb(241,  
228, 234) }
```

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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