

Converting Colors

XYZ(82.2535, 80.4653, 99.3726)

Have a look what the booklet for
XYZ(82.2535, 80.4653, 99.3726)
contains.

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Color

**XYZ(82.0715, 80.3400,
99.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E1F7
RGB	247, 225, 247
RGB Percent	97%, 88%, 97%
CMY	0.0314, 0.1176, 0.0314
CMYK	0.00, 0.09, 0.00, 0.03
HSL	300°, 58%, 93%
HSV	300°, 9%, 97%
XYZ	82.0715, 80.3400, 99.1772
YIQ	234.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

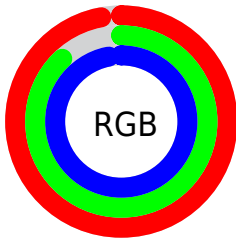
Format	Color
R _Y B	247, 225, 247
Decimal	16245239
CIE Lab	91.84, 11.31, -7.95
CIE LCh	92, 13.822, 324.912
Yxy	80.3400, 0.3137, 0.3071
Android (android.graphics.Color)	4294435319 (0xFF7E1F7)
YUV	234.0860, 6.3666, 11.3256
Hunter-Lab	89.6326, 6.5854, -2.8607

Details

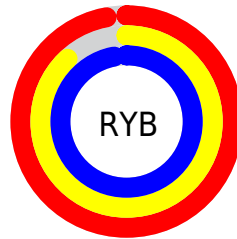
The XYZ color **82.0715, 80.3400, 99.1772** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9058, 87.9676, 84.1118**, and the grayscale version is **78.2240, 82.2977, 89.6222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2646, 43.5874, 55.3177** is the 20% darker color. If you saturate the color by 10%, you get **75.8722, 67.9402, 97.1115**, and if you desaturate by 10%, it is **89.2414, 94.6785, 101.5683**.

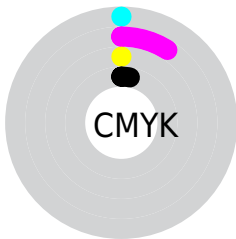
Distribution



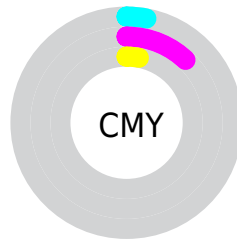
- Red (97%)
- Green (88%)
- Blue (97%)



- Red (97%)
- Yellow (88%)
- Blue (97%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0715, 80.3400, 99.1772 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 82.0715, 80.3400, 99.1772 by changing the saturation by 10% instead.

 82.0715, 80.3400,
99.1772

 82.0715, 80.3400,
99.1772


490.5177,
496.0779, 578.7756

 61.7388, 59.9982,
75.0005


135.2096,
133.8436, 162.0680

 45.0765, 43.4172,
55.1116


168.7456,
167.7743, 201.6192

 31.7192, 30.2126,
39.0919


207.4135,
207.0033, 247.1323

 21.3016, 20.0000,
26.5228

251.5786,
251.9151, 299.0259

 13.4584, 12.3950,
16.9859

301.6062,
302.8940, 357.7185

 7.8241, 7.0133,
10.0626

357.8616,

 4.0335, 3.4704,

360.3246, 423.6286

5.3343

420.7104,
424.5911, 497.1748

■ 1.7211, 1.3820,
2.3826

■ 0.4694, 0.2034,
0.7769

■ 82.0715, 80.3400,
99.1772

■ 82.0715, 80.3400,
99.1772

■ 75.8722, 67.9402,
97.1115

■ 89.2414, 94.6785,
101.5683

■ 70.5951, 57.3861,
95.3523

■ 90.9072, 98.0100,
102.1237

■ 66.1983, 48.5926,
93.8866

■ 90.9072, 98.0100,
102.1239

■ 62.6340, 41.4641,
92.6983

■ 90.9072, 98.0100,
102.1241

59.8498, 35.8956,
91.7700

90.9073, 98.0100,
102.1243

57.7871, 31.7703,
91.0823

90.9073, 98.0100,
102.1245

56.3795, 28.9552,
90.6129

90.9073, 98.0101,
102.1247

55.5481, 27.2924,
90.3356

90.9074, 98.0101,
102.1249

55.1761, 26.5485,
90.2114

90.9074, 98.0101,
102.1251

Harmonies

Analogous

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



79.2662, 80.3400, 106.3902



82.0715, 80.3400, 99.1772



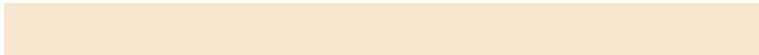
83.3488, 80.3400, 89.2183

Triad

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



82.0715, 80.3400, 99.1772



76.9665, 80.3400, 69.4479



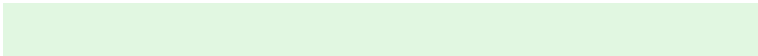
70.3477, 80.3400, 95.9542

Complementary

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



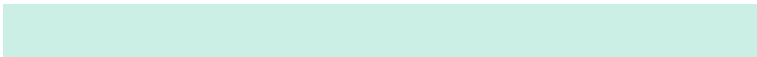
82.0715, 80.3400, 99.1772



77.9058, 87.9676, 84.1118

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.



69.7746, 80.3400, 85.7577



82.0715, 80.3400, 99.1772



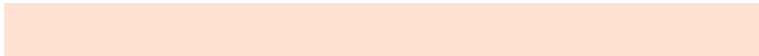
73.5272, 80.3400, 70.9489

Square

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



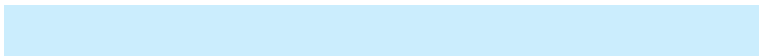
82.0715, 80.3400, 99.1772



80.3439, 80.3400, 72.4644



70.9213, 80.3400, 76.7345



72.5115, 80.3400, 104.4309

Rectangle

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



82.0715, 80.3400, 99.1772



83.1343, 80.3400, 82.5518



70.9213, 80.3400, 76.7345



69.9655, 80.3400, 92.5935

Sweetspot

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



82.0738, 80.3435, 99.1789



92.6579, 95.2158, 108.1026



74.7686, 76.5775, 98.8372



19.6992, 20.1134, 23.0939



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.



82.0738, 80.3435, 99.1789



86.7454, 83.3908, 106.1316



80.4260, 79.6843, 90.5014



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Inverse Universe

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



82.0738, 80.3435, 99.1789



86.7454, 83.3908, 106.1316



79.4553, 88.5874, 92.2710



17.2137, 16.7683, 20.8719



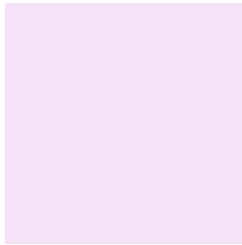
29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 82.0715, 80.3400, 99.1772 looks on a white background.

Color Contrast Check

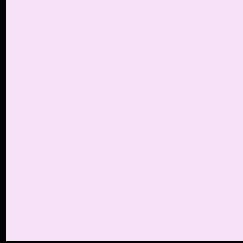
Large Text (above 18pt) WCAG AA × Fail

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 82.0715, 80.3400, 99.1772 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 82.0715, 80.3400, 99.1772

Background



This preview shows how black text looks on a background with the XYZ color 82.0715, 80.3400, 99.1772.



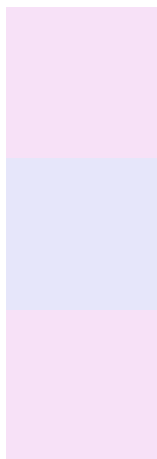
This preview shows how white text looks on a background with the XYZ color 82.0715, 80.3400,

99.1772.

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

82.0715, 80.3400, 99.1772

Protanopia

78.1853, 80.3188, 101.8247

Deuteranopia

82.0715, 80.3400, 99.1772



Tritanopia

81.3801, 80.4566, 96.0345

Trichromacy



Original Color

82.0715, 80.3400, 99.1772

Protanomaly

79.4344, 80.1592, 100.9082

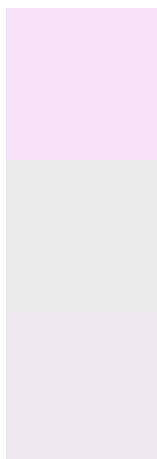
Deuteranomaly

82.0715, 80.3400, 99.1772

Tritanomaly

81.5315, 80.5172, 96.8321

Monochromacy



Original Color

82.0715, 80.3400, 99.1772

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.7525, 81.7345, 93.2343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0715, 80.3400, 99.1772 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(247, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 247)  
}
```

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(247, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.0715, 80.3400, 99.1772 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(247, 225, 247) }
```


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

```
.border{ border-color:rgb(247, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0715, 80.3400, 99.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 247) }
```

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

```
.background{ background-color: rgb(247,  
225, 247) }
```

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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