

Converting Colors

XYZ(82.0049, 82.3923, 94.8029)

Have a look what the booklet for
XYZ(82.0049, 82.3923, 94.8029)
contains.

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Color

**XYZ(82.1800, 82.5373,
94.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E6F1
RGB	246, 230, 241
RGB Percent	96%, 90%, 95%
CMY	0.0353, 0.0980, 0.0549
CMYK	0.00, 0.07, 0.02, 0.04
HSL	319°, 47%, 93%
HSV	319°, 7%, 96%
XYZ	82.1800, 82.5373, 94.8190
YIQ	236.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

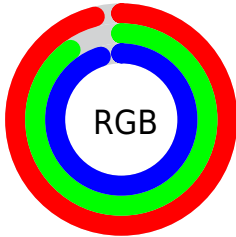
Format	Color
R _Y B	246, 230, 241
Decimal	16180977
CIE Lab	92.81, 7.32, -3.38
CIE LCh	93, 8.064, 335.196
Yxy	82.5373, 0.3166, 0.3180
Android (android.graphics.Color)	4294371057 (0xFF6E6F1)
YUV	236.0380, 2.4463, 8.7367
Hunter-Lab	90.8500, 2.4777, 1.7148

Details

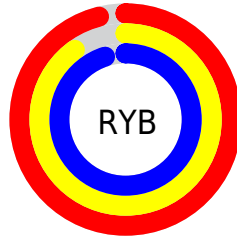
The XYZ color **82.1800, 82.5373, 94.8190** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5874, 88.7348, 91.4817**, and the grayscale version is **79.7385, 83.8912, 91.3575**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3221, 45.1099, 52.2173** is the 20% darker color. If you saturate the color by 10%, you get **74.6876, 69.3511, 86.7743**, and if you desaturate by 10%, it is **90.6917, 97.6822, 103.4446**.

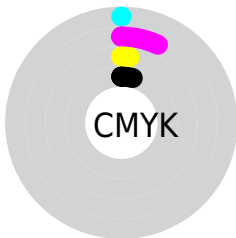
Distribution



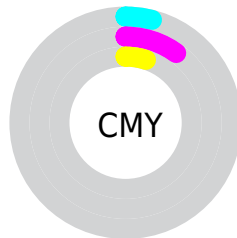
- Red (96%)
- Green (90%)
- Blue (95%)



- Red (96%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1800, 82.5373, 94.8190 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 82.1800, 82.5373, 94.8190 by changing the saturation by 10% instead.

82.1800, 82.5373,
94.8190

82.1800, 82.5373,
94.8190

490.8750,
503.4432, 564.5549

61.8285, 61.8085,
71.3883

135.3609,
136.9272, 156.0080

45.1492, 44.8780,
52.1753

168.9210,
171.3572, 194.6033

31.7768, 31.3613,
36.7617

207.6148,
211.1229, 239.0905

21.3458, 20.8742,
24.7287

251.8075,
256.6089, 289.8883

13.4909, 13.0320,
15.6578

301.8645,
308.1996, 347.4150

7.8468, 7.4506,
9.1306

358.1512,

4.0480, 3.7455,

366.2792, 412.0894

4.7285

421.0329,
431.2323, 484.3298

■ 1.7293, 1.5322,
2.0329

■ 0.4745, 0.3112,
0.5754

■ 82.1800, 82.5373,
94.8190

■ 82.1800, 82.5373,
94.8190

■ 74.6876, 69.3511,
86.7743

■ 90.6917, 97.6822,
103.4446

■ 68.1666, 58.0321,
79.2888

■ 91.8165, 98.3331,
108.7487

■ 62.5756, 48.4974,
72.3466

■ 57.8676, 40.6540,
65.9290

■ 53.9912, 34.4001,
60.0159

■ 50.8895, 29.6229,
54.5851

■ 48.4982, 26.1949,
49.6120

■ 46.7420, 23.9666,
45.0682

■ 45.5268, 22.7506,
40.9189

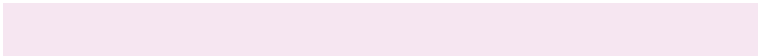
Harmonies

Analogous

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



80.8047, 82.5373, 99.6758



82.1800, 82.5373, 94.8190



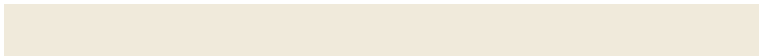
82.5484, 82.5373, 88.8237

Triad

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



82.1800, 82.5373, 94.8190



78.0834, 82.5373, 78.8150



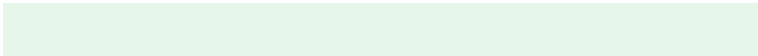
75.1888, 82.5373, 96.7153

Complementary

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



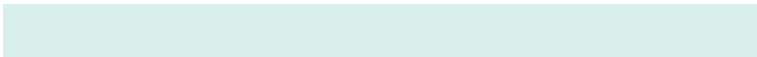
82.1800, 82.5373, 94.8190



80.5874, 88.7348, 91.4817

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.



74.4880, 82.5373, 90.9226



82.1800, 82.5373, 94.8190



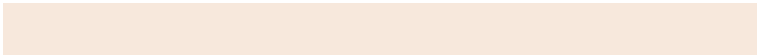
76.1400, 82.5373, 80.7277

Square

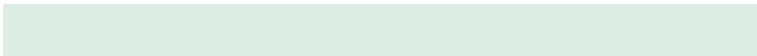
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1800, 82.5373, 94.8190



80.1591, 82.5373, 79.7546



74.8331, 82.5373, 85.0945



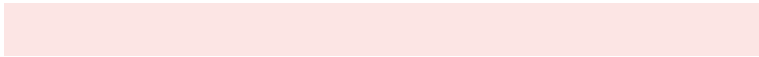
76.7639, 82.5373, 100.8045

Rectangle

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



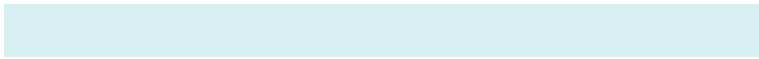
82.1800, 82.5373, 94.8190



82.1680, 82.5373, 85.0254



74.8331, 82.5373, 85.0945



74.8444, 82.5373, 94.8934

Sweetspot

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



82.1824, 82.5409, 94.8208



93.1889, 96.6868, 107.0187



79.1296, 80.8796, 98.6307



19.9658, 20.7297, 22.9262



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.



82.1824, 82.5409, 94.8208



87.8741, 87.2639, 101.5270



81.0422, 82.0848, 88.8169



16.9803, 16.6750, 19.6426



24.1800, 12.0155, 21.4542



2.1714, 1.0745, 2.1288

Inverse Universe

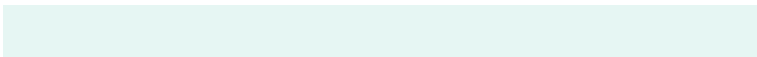
The Inverse Universe completely reimagines the original color for something new.



82.1824, 82.5409, 94.8208



87.8741, 87.2639, 101.5270



81.7390, 89.1955, 97.5459



16.9803, 16.6750, 19.6426



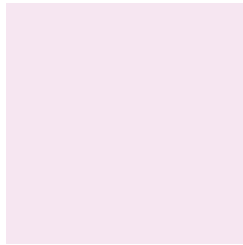
24.1800, 12.0155, 21.4542



2.1714, 1.0745, 2.1288

Previews

White Background



This preview shows how the XYZ color 82.1800, 82.5373, 94.8190 looks on a white background.

Color Contrast Check

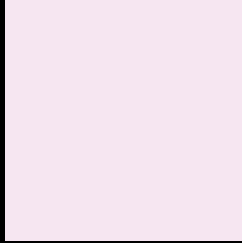
Large Text (above 18pt) WCAG AA × Fail

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 82.1800, 82.5373, 94.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

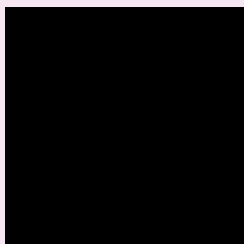
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1800, 82.5373, 94.8190

Background



This preview shows how black text looks on a background with the XYZ color 82.1800, 82.5373, 94.8190.



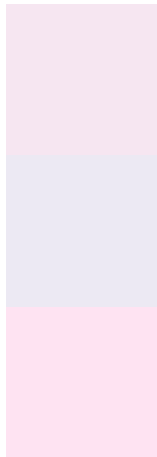
This preview shows how white text looks on a background with the XYZ color 82.1800, 82.5373,

94.8190.

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

82.1800, 82.5373, 94.8190

Protanopia

79.9086, 82.5818, 96.5223

Deuteranopia

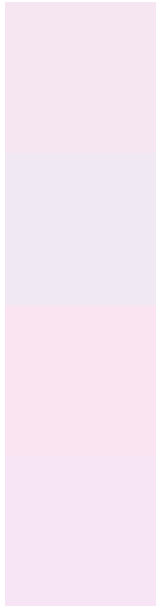
84.3691, 82.4198, 95.4663



Tritanopia

83.1656, 82.5282, 99.5419

Trichromacy



Original Color

82.1800, 82.5373, 94.8190

Protanomaly

80.8188, 82.6493, 95.6977

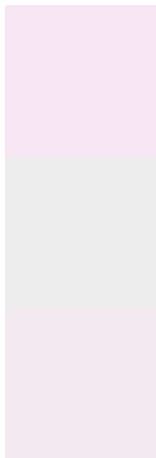
Deuteranomaly

83.5541, 82.4068, 95.5067

Tritanomaly

82.8585, 82.4054, 97.9249

Monochromacy



Original Color

82.1800, 82.5373, 94.8190

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.7906, 83.5439, 92.7564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1800, 82.5373, 94.8190 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(246, 230, 241) looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 241)  
}
```

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(246, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.1800, 82.5373, 94.8190 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(246, 230, 241) }
```


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

```
.border{ border-color:rgb(246, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1800, 82.5373, 94.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 230, 241) }
```

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

```
.background{ background-color: rgb(246,  
230, 241) }
```

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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