

Converting Colors

XYZ(82.7719, 82.2570,
106.1224)

Have a look what the booklet for
XYZ(82.7719, 82.2570, 106.1224)
contains.

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Color

**XYZ(82.6873, 82.1359,
106.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E5FF
RGB	242, 229, 255
RGB Percent	95%, 90%, 100%
CMY	0.0510, 0.1019, 0.0000
CMYK	0.05, 0.10, 0.00, 0.00
HSL	270°, 100%, 95%
HSV	270°, 10%, 100%
XYZ	82.6873, 82.1359, 106.1035
YIQ	235.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

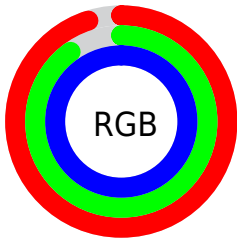
Format	Color
R _Y B	242, 229, 255
Decimal	15918591
CIE Lab	92.63, 9.06, -10.98
CIE LCh	93, 14.237, 309.521
Yxy	82.1359, 0.3052, 0.3032
Android (android.graphics.Color)	4294108671 (0xFF2E5FF)
YUV	235.8510, 9.4405, 5.3927
Hunter-Lab	90.6289, 4.2580, -5.9734

Details

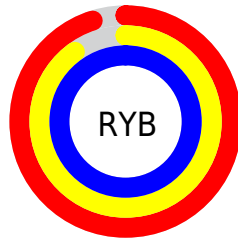
The XYZ color **82.6873, 82.1359, 106.1035** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5228, 96.0553, 88.1131**, and the grayscale version is **79.5473, 83.6899, 91.1383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5788, 44.7884, 59.6688** is the 20% darker color. If you saturate the color by 10%, you get **71.9188, 66.8704, 103.7245**, and if you desaturate by 10%, it is **94.8016, 99.6381, 108.8432**.

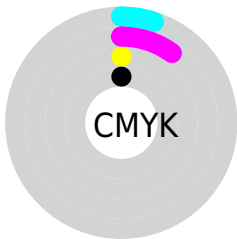
Distribution



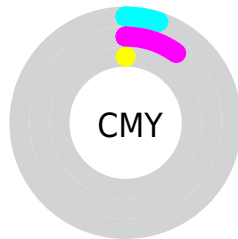
- Red (95%)
- Green (90%)
- Blue (100%)



- Red (95%)
- Yellow (90%)
- Blue (100%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6873, 82.1359, 106.1035 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 82.6873, 82.1359, 106.1035 by changing the saturation by 10% instead.

82.6873, 82.1359,
106.1035

82.6873, 82.1359,
106.1035

492.5435,
502.1022, 601.0018

62.2483, 61.4776,
80.7623

136.0682,
136.3646, 171.6446

45.4897, 44.6107,
59.8160

169.7408,
170.7037, 212.6816

32.0462, 31.1509,
42.8460

208.5553,
210.3718, 259.7876

21.5525, 20.7138,
29.4338

252.8770,
255.7534, 313.3811

13.6432, 12.9149,
19.1609

303.0713,
307.2329, 373.8808

7.9530, 7.3700,
11.6086

359.5036,

4.1164, 3.6946,

365.1945, 441.7051

6.3585

422.5392,
430.0228, 517.2726

■ 1.7682, 1.5042,
2.9920

■ 0.4984, 0.2917,
1.0905

■ 82.6873, 82.1359,
106.1035

■ 82.6873, 82.1359,
106.1035

■ 71.9188, 66.8704,
103.7245

94.8016, 99.6381,
108.8432

■ 62.4385, 53.7383,
101.6894

95.0500, 100.0000,
108.9000

■ 54.1937, 42.6430,
99.9823

■ 47.1256, 33.4764,
98.5855

■ 41.1700, 26.1202,
97.4795

■ 36.2555, 20.4424,
96.6426

■ 32.3014, 16.2923,
96.0500

■ 29.2122, 13.4906,
95.6720

■ 26.8759, 11.7699,
95.4630

Harmonies

Analogous

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



79.2515, 82.1359, 111.0896



82.6873, 82.1359, 106.1035



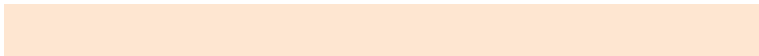
84.9302, 82.1359, 96.7582

Triad

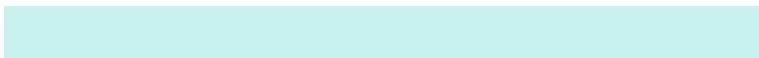
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6873, 82.1359, 106.1035



80.5856, 82.1359, 71.6557



71.2536, 82.1359, 92.8479

Complementary

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



82.6873, 82.1359, 106.1035



86.5228, 96.0553, 88.1131

Split Complementary

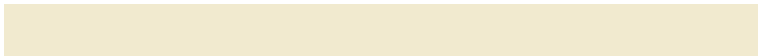
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5852, 82.1359, 82.4853



82.6873, 82.1359, 106.1035



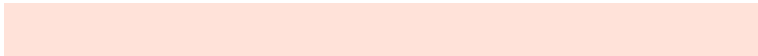
76.8958, 82.1359, 70.7898

Square

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



82.6873, 82.1359, 106.1035



83.6904, 82.1359, 77.0722



73.6235, 82.1359, 74.6053



72.7027, 82.1359, 103.0473

Rectangle

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



82.6873, 82.1359, 106.1035



85.4068, 82.1359, 89.6026



73.6235, 82.1359, 74.6053



71.1615, 82.1359, 89.2617

Sweetspot

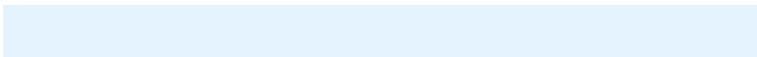
The Sweet Spot groups the original color and five complimentary colors.



82.6895, 82.1393, 106.1040



91.2646, 94.4975, 108.0374



82.2469, 87.6431, 107.1897



19.3223, 19.9191, 23.0763



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.



82.6895, 82.1393, 106.1040



80.6464, 79.2192, 105.6481



87.1516, 84.4396, 106.3128



17.8683, 17.8239, 22.7485



14.2154, 6.2388, 49.8896



1.5100, 0.6724, 4.8635

Inverse Universe

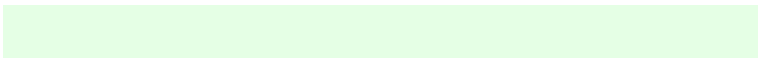
The Inverse Universe completely reimagines the original color for something new.



85.2884, 83.7127, 95.6702



83.6871, 81.0601, 93.4407



82.3569, 93.9077, 87.9182



18.3882, 18.1386, 20.6614



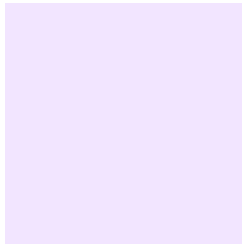
23.6432, 11.9466, 12.0372



2.3572, 1.1852, 1.4623

Previews

White Background



This preview shows how the XYZ color 82.6873, 82.1359, 106.1035 looks on a white background.

Color Contrast Check

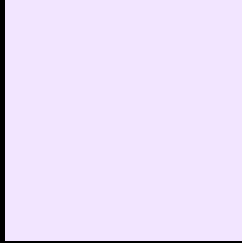
Large Text (above 18pt) WCAG AA × Fail

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 82.6873, 82.1359, 106.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

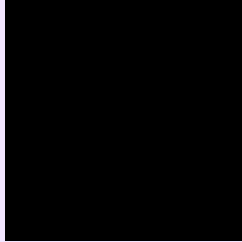
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

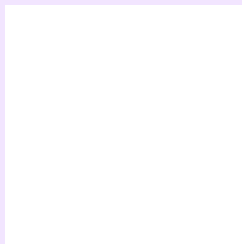
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6873, 82.1359, 106.1035

Background



This preview shows how black text looks on a background with the XYZ color 82.6873, 82.1359, 106.1035.

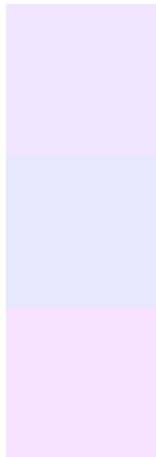


This preview shows how white text looks on a background with the XYZ color 82.6873, 82.1359,

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

82.6873, 82.1359, 106.1035

Protanopia

79.8616, 81.9221, 106.2111

Deuteranopia

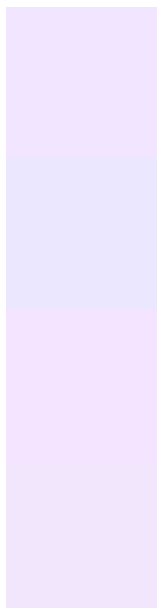
83.8769, 81.9323, 106.0015



Tritanopia

81.5157, 82.0717, 100.3520

Trichromacy



Original Color

82.6873, 82.1359, 106.1035

Protanomaly

80.8869, 82.0340, 106.1787

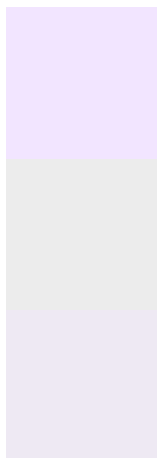
Deuteranomaly

83.4496, 82.1193, 106.0601

Tritanomaly

81.9850, 82.2594, 102.8234

Monochromacy



Original Color

82.6873, 82.1359, 106.1035

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5765, 82.9260, 96.5535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6873, 82.1359, 106.1035 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(242, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 255)  
}
```

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(242, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.6873, 82.1359, 106.1035 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(242, 229, 255) }
```


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

```
.border{ border-color:rgb(242, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6873, 82.1359, 106.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 255) }
```

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

```
.background{ background-color: rgb(242,  
229, 255) }
```

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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