

Converting Colors

XYZ(82.9241, 82.1322, 93.3027)

Have a look what the booklet for
XYZ(82.9241, 82.1322, 93.3027)
contains.

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Color

**XYZ(82.7477, 82.0428,
93.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE4EF
RGB	250, 228, 239
RGB Percent	98%, 89%, 94%
CMY	0.0196, 0.1059, 0.0627
CMYK	0.00, 0.09, 0.04, 0.02
HSL	330°, 69%, 94%
HSV	330°, 9%, 98%
XYZ	82.7477, 82.0428, 93.1359
YIQ	235.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

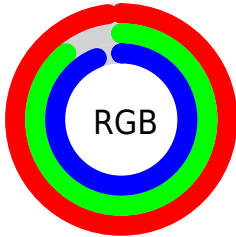
Format	Color
R _Y B	250, 228, 239
Decimal	16442607
CIE Lab	92.59, 9.35, -2.62
CIE LCh	93, 9.713, 344.342
Yxy	82.0428, 0.3208, 0.3181
Android (android.graphics.Color)	4294632687 (0xFFFAE4EF)
YUV	235.8320, 1.5618, 12.4253
Hunter-Lab	90.5775, 4.5594, 2.4396

Details

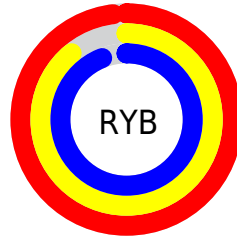
The XYZ color **82.7477, 82.0428, 93.1359** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7636, 91.0993, 94.9403**, and the grayscale version is **79.5856, 83.7303, 91.1822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4831, 44.6435, 51.0196** is the 20% darker color. If you saturate the color by 10%, you get **74.5782, 68.5573, 81.6133**, and if you desaturate by 10%, it is **92.0441, 97.5755, 105.6666**.

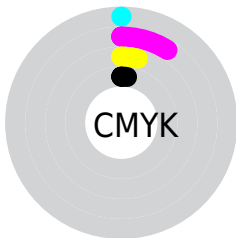
Distribution



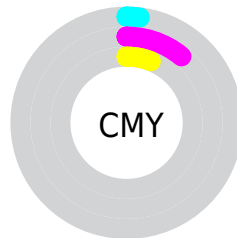
- Red (98%)
- Green (89%)
- Blue (94%)



- Red (98%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7477, 82.0428, 93.1359 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 82.7477, 82.0428, 93.1359 by changing the saturation by 10% instead.


 82.7477, 82.0428,
93.1359

 82.7477, 82.0428,
93.1359


492.7419,
501.7908, 559.0111

 62.2982, 61.4008,
69.9962

136.1524,
136.2340, 153.6601

 45.5302, 44.5487,
51.0466


169.8384,
170.5520, 191.8816

 32.0783, 31.1021,
35.8687

208.6672,
210.1975, 235.9675

 21.5772, 20.6766,
24.0439

253.0043,
255.5549, 286.3363

 13.6614, 12.8878,
15.1537

303.2149,
307.0085, 343.4065

 7.9657, 7.3514,
8.7795

359.6645,

 4.1246, 3.6828,

364.9428, 407.5966

4.5028

422.7184,
429.7421, 479.3253

■ 1.7729, 1.4977,
1.9050

■ 0.5012, 0.2871,
0.4959

■ 82.7477, 82.0428,
93.1359

■ 82.7477, 82.0428,
93.1359

■ 74.5782, 68.5573,
81.6133

■ 92.0441, 97.5755,
105.6666

■ 67.4835, 57.0221,
71.0657

■ 93.2348, 99.0642,
108.8150

■ 61.4178, 47.3489,
61.4658

■ 56.3291, 39.4378,
52.7828

■ 52.1606, 33.1798,
44.9838

■ 48.8492, 28.4536,
38.0332

■ 46.3235, 25.1210,
31.8922

■ 44.4991, 23.0185,
26.5169

■ 43.2543, 21.9082,
21.8503

Harmonies

Analogous

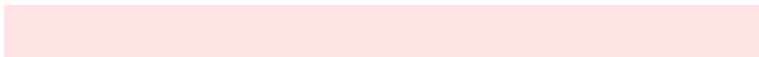
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4217, 82.0428, 99.6475



82.7477, 82.0428, 93.1359



82.7777, 82.0428, 85.9308

Triad

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



82.7477, 82.0428, 93.1359



76.7829, 82.0428, 76.5264



74.5586, 82.0428, 99.4048

Complementary

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



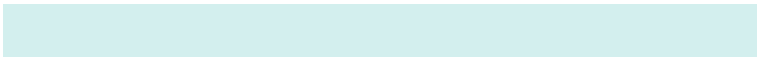
82.7477, 82.0428, 93.1359



81.7636, 91.0993, 94.9403

Split Complementary

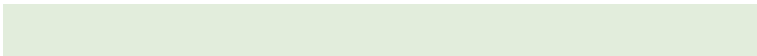
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3698, 82.0428, 92.8190



82.7477, 82.0428, 93.1359



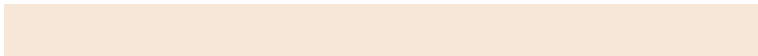
74.6351, 82.0428, 79.7517

Square

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



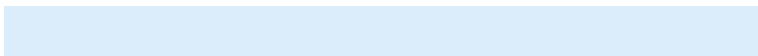
82.7477, 82.0428, 93.1359



79.2968, 82.0428, 76.6010



73.3975, 82.0428, 85.6305



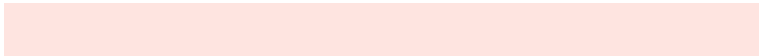
76.6763, 82.0428, 103.3978

Rectangle

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



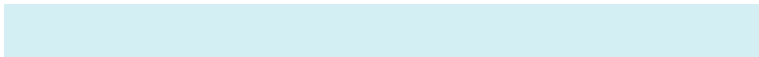
82.7477, 82.0428, 93.1359



82.0567, 82.0428, 81.7147



73.3975, 82.0428, 85.6305



74.0391, 82.0428, 97.4057

Sweetspot

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



82.7500, 82.0464, 93.1377



92.0480, 94.9718, 104.8908



80.5984, 80.7436, 101.7806



19.5343, 20.0474, 22.2251



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

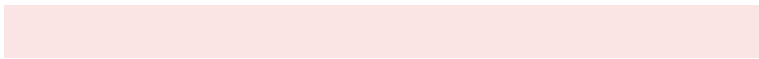
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7500, 82.0464, 93.1377



84.5685, 82.5200, 94.6682



81.1742, 81.4161, 84.8396



17.6065, 17.3700, 19.7836



22.9472, 11.5946, 11.6965



2.1788, 1.0953, 1.3650

Inverse Universe

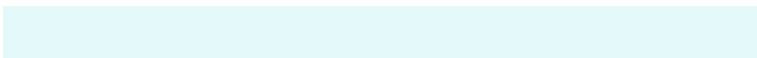
The Inverse Universe completely reimagines the original color for something new.



82.7500, 82.0464, 93.1377



84.5685, 82.5200, 94.6682



83.4383, 91.7692, 103.7591



17.6065, 17.3700, 19.7836



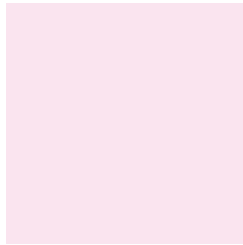
22.9472, 11.5946, 11.6965



2.1788, 1.0953, 1.3650

Previews

White Background



This preview shows how the XYZ color 82.7477, 82.0428, 93.1359 looks on a white background.

Color Contrast Check

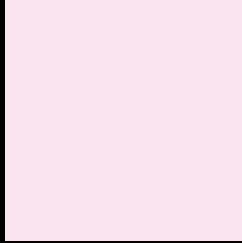
Large Text (above 18pt) WCAG AA × Fail

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 82.7477, 82.0428, 93.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

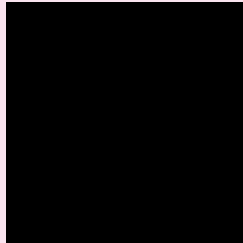
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7477, 82.0428, 93.1359

Background



This preview shows how black text looks on a background with the XYZ color 82.7477, 82.0428, 93.1359.



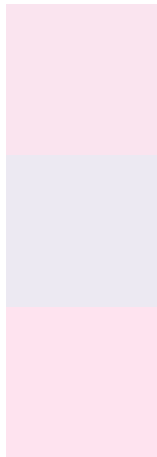
This preview shows how white text looks on a background with the XYZ color 82.7477, 82.0428,

93.1359.

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

82.7477, 82.0428, 93.1359

Protanopia

79.7580, 82.5215, 95.7289

Deuteranopia

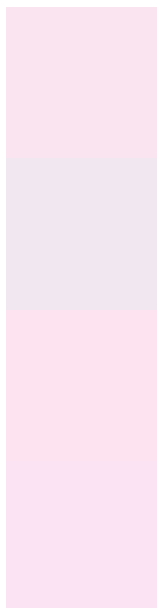
83.9221, 82.2410, 93.1123



Tritanopia

83.7342, 82.0400, 97.8082

Trichromacy



Original Color

82.7477, 82.0428, 93.1359

Protanomaly

80.7287, 82.2035, 94.8311

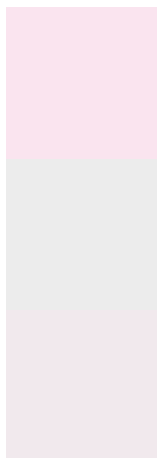
Deuteranomaly

83.5571, 82.0528, 93.0952

Tritanomaly

83.4304, 81.9185, 96.2086

Monochromacy



Original Color

82.7477, 82.0428, 93.1359

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.7006, 83.0930, 91.9059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7477, 82.0428, 93.1359 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(250, 228, 239) looks like.

```
.text, #text, p{  
    color:rgb(250, 228, 239)  
}
```

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(250, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 228, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.7477, 82.0428, 93.1359 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(250, 228, 239) }
```


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

```
.border{ border-color:rgb(250, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 228,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7477, 82.0428, 93.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 228, 239) }
```

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

```
.background{ background-color: rgb(250,  
228, 239) }
```

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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