

Converting Colors

XYZ(81.8678, 82.4694, 93.8195)

Have a look what the booklet for
XYZ(81.8678, 82.4694, 93.8195)
contains.

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Color

**XYZ(82.0310, 82.4777,
94.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E6F0
RGB	246, 230, 240
RGB Percent	96%, 90%, 94%
CMY	0.0353, 0.0980, 0.0588
CMYK	0.00, 0.07, 0.02, 0.04
HSL	323°, 47%, 93%
HSV	323°, 7%, 96%
XYZ	82.0310, 82.4777, 94.0344
YIQ	235.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

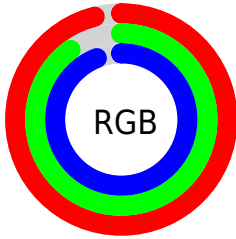
Format	Color
R _Y B	246, 230, 240
Decimal	16180976
CIE Lab	92.79, 7.14, -2.90
CIE LCh	93, 7.711, 337.909
Yxy	82.4777, 0.3173, 0.3190
Android (android.graphics.Color)	4294371056 (0xFF6E6F0)
YUV	235.9240, 2.0095, 8.8367
Hunter-Lab	90.8172, 2.3006, 2.1817

Details

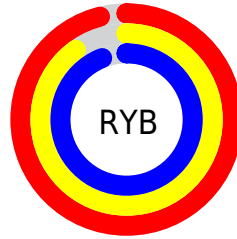
The XYZ color **82.0310, 82.4777, 94.0344** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7323, 88.7928, 92.2448**, and the grayscale version is **79.6544, 83.8026, 91.2610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2169, 45.0678, 51.6632** is the 20% darker color. If you saturate the color by 10%, you get **74.3270, 69.2068, 84.8751**, and if you desaturate by 10%, it is **90.7755, 97.7157, 103.8864**.

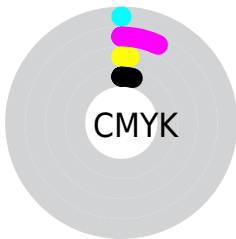
Distribution



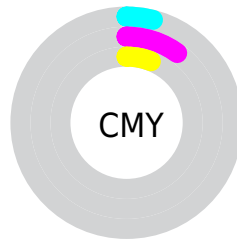
- Red (96%)
- Green (90%)
- Blue (94%)



- Red (96%)
- Yellow (90%)
- Blue (94%)



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



- Cyan (4%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0310, 82.4777, 94.0344 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 82.0310, 82.4777, 94.0344 by changing the saturation by 10% instead.

82.0310, 82.4777,
94.0344

82.0310, 82.4777,
94.0344

490.3843,
503.2442, 561.9743

61.7053, 61.7594,
70.7391

135.1531,
136.8437, 154.9140

45.0493, 44.8383,
51.6488

168.6801,
171.2602, 193.3354

31.6977, 31.3301,
36.3449

207.3384,
211.0114, 237.6359

21.2851, 20.8503,
24.4089

251.4931,
256.4820, 288.2341

13.4462, 13.0146,
15.4222

301.5097,
308.0561, 345.5485

7.8156, 7.4386,
8.9663

357.7535,

4.0280, 3.7379,

366.1182, 409.9976

4.6227

420.5900,
431.0528, 482.0000

■ 1.7180, 1.5281,
1.9728

■ 0.4675, 0.3083,
0.5385

■ 82.0310, 82.4777,
94.0344

■ 82.0310, 82.4777,
94.0344

■ 74.3270, 69.2068,
84.8751

■ 90.7755, 97.7157,
103.8864

■ 67.6151, 57.8114,
76.3844

■ 91.8165, 98.3331,
108.7487

■ 61.8536, 48.2086,
68.5443

■ 56.9949, 40.3049,
61.3335

■ 52.9872, 33.9985,
54.7293

■ 49.7732, 29.1764,
48.7072

■ 47.2881, 25.7109,
43.2397

■ 45.4559, 23.4521,
38.2957

■ 44.1820, 22.2127,
33.8376

Harmonies

Analogous

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



80.7929, 82.4777, 98.8296



82.0310, 82.4777, 94.0344



82.2860, 82.4777, 88.2887

Triad

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



82.0310, 82.4777, 94.0344



77.8616, 82.4777, 79.2741



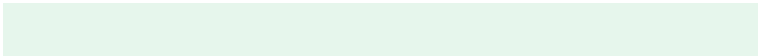
75.3806, 82.4777, 96.7828

Complementary

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



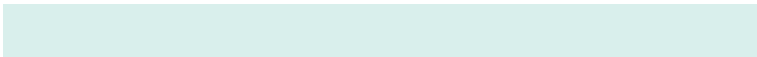
82.0310, 82.4777, 94.0344



80.7323, 88.7928, 92.2448

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.



74.6240, 82.4777, 91.3369



82.0310, 82.4777, 94.0344



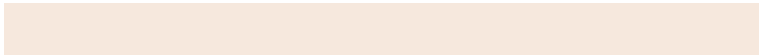
76.0403, 82.4777, 81.3457

Square

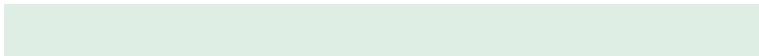
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0310, 82.4777, 94.0344



79.8561, 82.4777, 79.9272



74.8634, 82.4777, 85.7028



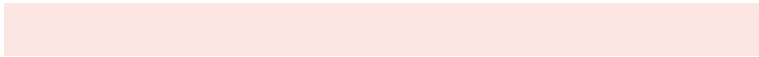
76.9471, 82.4777, 100.4631

Rectangle

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



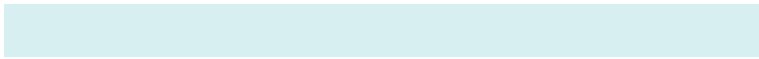
82.0310, 82.4777, 94.0344



81.8601, 82.4777, 84.7189



74.8634, 82.4777, 85.7028



75.0244, 82.4777, 95.0890

Sweetspot

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



82.0334, 82.4813, 94.0362



93.1380, 96.6665, 106.7508



79.4824, 81.0615, 98.6472



19.9554, 20.7255, 22.8717



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

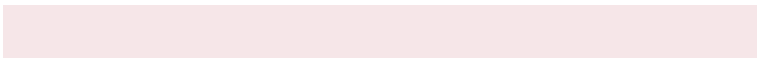
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0334, 82.4813, 94.0362



87.6762, 87.1848, 100.4850



80.8901, 82.0240, 88.0160



16.9347, 16.6567, 19.4026



23.4576, 11.7265, 17.6500



2.1114, 1.0505, 1.8132

Inverse Universe

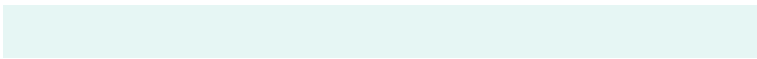
The Inverse Universe completely reimagines the original color for something new.



82.0334, 82.4813, 94.0362



87.6762, 87.1848, 100.4850



81.9004, 89.2600, 98.3957



16.9347, 16.6567, 19.4026



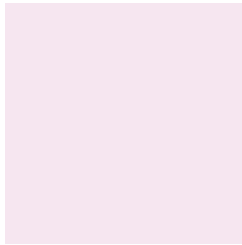
23.4576, 11.7265, 17.6500



2.1114, 1.0505, 1.8132

Previews

White Background



This preview shows how the XYZ color 82.0310, 82.4777, 94.0344 looks on a white background.

Color Contrast Check

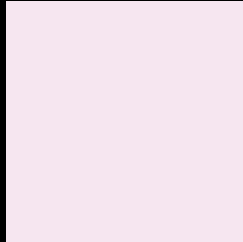
Large Text (above 18pt) WCAG AA × Fail

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 82.0310, 82.4777, 94.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

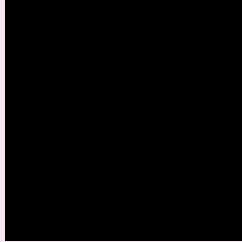
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0310, 82.4777, 94.0344

Background



This preview shows how black text looks on a background with the XYZ color 82.0310, 82.4777, 94.0344.



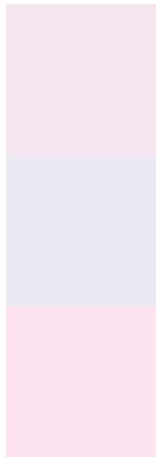
This preview shows how white text looks on a background with the XYZ color 82.0310, 82.4777,

94.0344.

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

82.0310, 82.4777, 94.0344

Protanopia

79.7580, 82.5215, 95.7289

Deuteranopia

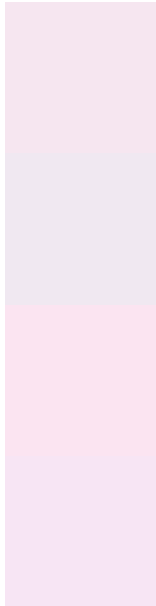
84.2193, 82.3599, 94.6773



Tritanopia

83.1656, 82.5282, 99.5419

Trichromacy



Original Color

82.0310, 82.4777, 94.0344

Protanomaly

80.6690, 82.5894, 94.9087

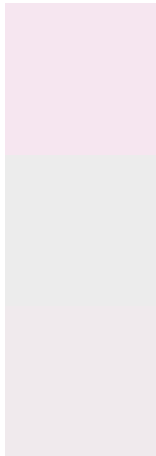
Deuteranomaly

83.4042, 82.3469, 94.7178

Tritanomaly

82.7062, 82.3444, 97.1229

Monochromacy



Original Color

82.0310, 82.4777, 94.0344

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6441, 83.4853, 91.9846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0310, 82.4777, 94.0344 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(246, 230, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.0310, 82.4777, 94.0344 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, 240) }
```


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

```
.border{ border-color:rgb(246, 230, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(246, 230,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0310, 82.4777, 94.0344 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, 240) }
```

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

```
.background{ background-color: rgb(246,  
230, 240) }
```

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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