

Converting Colors

XYZ(82.3235, 81.0122, 97.3077)

Have a look what the booklet for
XYZ(82.3235, 81.0122, 97.3077)
contains.

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Color

**XYZ(82.3892, 80.9417,
97.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E2F5
RGB	248, 226, 245
RGB Percent	97%, 89%, 96%
CMY	0.0274, 0.1137, 0.0392
CMYK	0.00, 0.09, 0.01, 0.03
HSL	308°, 61%, 93%
HSV	308°, 9%, 97%
XYZ	82.3892, 80.9417, 97.6671
YIQ	234.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

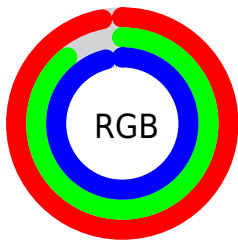
Format	Color
R _Y B	248, 226, 245
Decimal	16311029
CIE Lab	92.11, 10.77, -6.49
CIE LCh	92, 12.572, 328.905
Yxy	80.9417, 0.3157, 0.3101
Android (android.graphics.Color)	4294501109 (0xFF8E2F5)
YUV	234.7440, 5.0562, 11.6255
Hunter-Lab	89.9676, 6.0208, -1.3868

Details

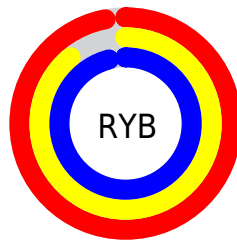
The XYZ color **82.3892, 80.9417, 97.6671** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0774, 88.9630, 87.1368**, and the grayscale version is **78.7320, 82.8322, 90.2043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4864, 44.0064, 54.2408** is the 20% darker color. If you saturate the color by 10%, you get **75.6164, 68.2138, 92.8856**, and if you desaturate by 10%, it is **90.1515, 95.6310, 102.8269**.

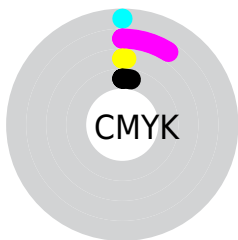
Distribution



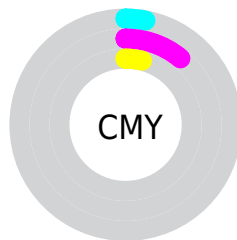
- Red (97%)
- Green (89%)
- Blue (96%)



- Red (97%)
- Yellow (89%)
- Blue (96%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3892, 80.9417, 97.6671 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 82.3892, 80.9417, 97.6671 by changing the saturation by 10% instead.


 82.3892, 80.9417,
97.6671

 82.3892, 80.9417,
97.6671


491.5634,
498.1008, 573.8696

 62.0016, 60.4936,
73.7477


135.6526,
134.6889, 159.9713

 45.2896, 43.8166,
54.0920


169.2592,
168.7568, 199.1932

 31.8878, 30.5264,
38.2816

208.0027,
208.1334, 244.3530

 21.4310, 20.2384,
25.8978

252.2487,
253.2031, 295.8693

 13.5536, 12.5685,
16.5221

302.3624,
304.3503, 354.1606

 7.8905, 7.1321,
9.7360

358.7092,

 4.0762, 3.5448,

361.9593, 419.6453

5.1210

421.6544,
426.4147, 492.7422

■ 1.7453, 1.4224,
2.2584

■ 0.4844, 0.2331,
0.7078

■ 82.3892, 80.9417,
97.6671

■ 82.3892, 80.9417,
97.6671

■ 75.6164, 68.2138,
92.8856

■ 90.1515, 95.6310,
102.8269

■ 69.7842, 57.3535,
88.4631

■ 92.0058, 98.4903,
106.0632

■ 64.8505, 48.2749,
84.3862

■ 92.5220, 98.6968,
108.7817

■ 60.7666, 40.8813,
80.6383

■ 57.4796, 35.0668,
77.2018

■ 54.9306, 30.7134,
74.0565

■ 53.0523, 27.6867,
71.1799

■ 51.7649, 25.8274,
68.5451

■ 50.9513, 24.9012,
66.1128

Harmonies

Analogous

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



79.9820, 80.9417, 104.6843



82.3892, 80.9417, 97.6671



83.3282, 80.9417, 88.4731

Triad

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



82.3892, 80.9417, 97.6671



77.0518, 80.9417, 71.4763



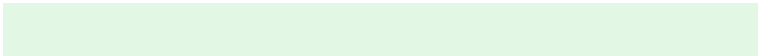
71.6090, 80.9417, 97.0361

Complementary

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



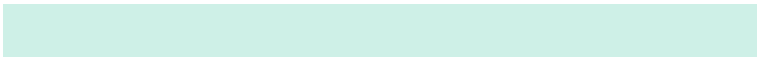
82.3892, 80.9417, 97.6671



79.0774, 88.9630, 87.1368

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.



70.8731, 80.9417, 87.7912



82.3892, 80.9417, 97.6671



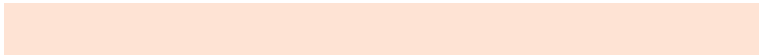
73.9618, 80.9417, 73.4230

Square

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



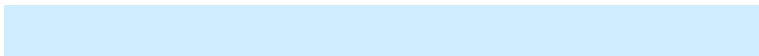
82.3892, 80.9417, 97.6671



80.1938, 80.9417, 73.7253



71.7225, 80.9417, 79.2382



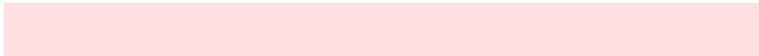
73.7611, 80.9417, 104.3024

Rectangle

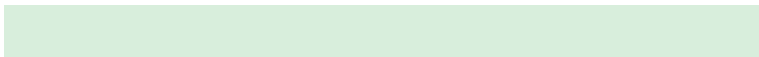
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



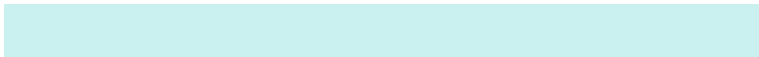
82.3892, 80.9417, 97.6671



82.9756, 80.9417, 82.4790



71.7225, 80.9417, 79.2382



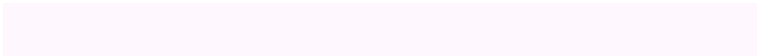
71.1905, 80.9417, 94.0371

Sweetspot

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



82.3915, 80.9452, 97.6689



92.4903, 95.1488, 107.2202



76.4349, 77.8211, 99.8007



19.6538, 20.0952, 22.8548



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

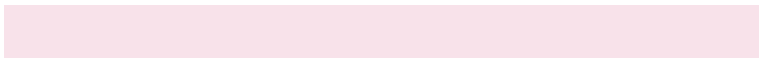
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3915, 80.9452, 97.6689



86.1354, 83.1468, 102.9198



80.7714, 80.2971, 89.1371



17.8852, 17.4814, 21.2512



27.5193, 13.4234, 35.7728



2.5760, 1.2541, 3.4567

Inverse Universe

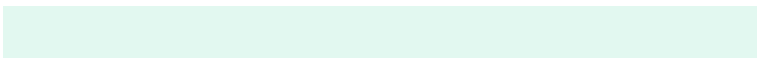
The Inverse Universe completely reimagines the original color for something new.



82.3915, 80.9452, 97.6689



86.1354, 83.1468, 102.9198



80.6525, 89.5930, 95.4310



17.8852, 17.4814, 21.2512



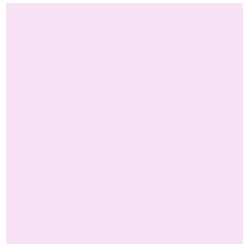
27.5193, 13.4234, 35.7728



2.5760, 1.2541, 3.4567

Previews

White Background



This preview shows how the XYZ color 82.3892, 80.9417, 97.6671 looks on a white background.

Color Contrast Check

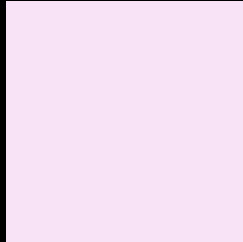
Large Text (above 18pt) WCAG AA × Fail

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 82.3892, 80.9417, 97.6671 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 82.3892, 80.9417, 97.6671

Background



This preview shows how black text looks on a background with the XYZ color 82.3892, 80.9417, 97.6671.



This preview shows how white text looks on a background with the XYZ color 82.3892, 80.9417,

97.6671.

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

82.3892, 80.9417, 97.6671

Protanopia

78.7979, 81.0849, 100.3048

Deuteranopia

82.7447, 81.1250, 97.6838



Tritanopia

82.2369, 80.8808, 96.8652

Trichromacy



Original Color

82.3892, 80.9417, 97.6671

Protanomaly

80.0677, 80.9312, 99.3969

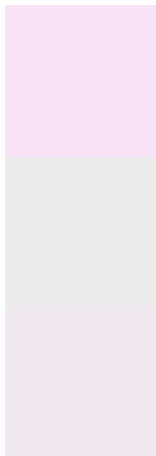
Deuteranomaly

82.7447, 81.1250, 97.6838

Tritanomaly

82.2369, 80.8808, 96.8652

Monochromacy



Original Color

82.3892, 80.9417, 97.6671

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.3718, 82.4705, 93.3437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3892, 80.9417, 97.6671 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(248, 226, 245) looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 245)  
}
```

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(248, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.3892, 80.9417, 97.6671 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(248, 226, 245) }
```


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

```
.border{ border-color:rgb(248, 226, 245) }
```

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

Here you see how a box with a 4 pixel rgb(248, 226, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3892, 80.9417, 97.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 245) }
```

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

```
.background{ background-color: rgb(248,  
226, 245) }
```

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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